Aug 8 1931

Monthly Catalogue
United States
Public Documents

(WITH PRICES)

No. 438

June, 1931

ISSUED BY THE
SUPERINTENDENT OF DOCUMENTS

WASHINGTON : 1931

For sale by the Superintendent of Documents, Washington, D. C. - - - - Price 10 cents per copy
Subscription price 75 cents per year

Abbreviations

Appendix	app.	Octavo	8°
Congress	Cong.	Page, pages	p.
Department	Dept.	Part, parts	pt., pts.
Document	doc.	Plate, plates	pl.
Facsimile, facsimiles	facsim.	Portrait, portraits	por.
Federal Trade Commission	F. T. C.	Quarto	4°
Folio	f°	Report	rp.
House	H.	Saint	St.
House bill	H. R.	Section, sections	sec.
House concurrent resolution	H. Con. Res.	Senate, Senate bill	S.
House document	H. doc.	Senate concurrent resolution	S. Con. Res.
House executive document	H. ex. doc.	Senate document	S. doc.
House joint resolution	H. J. Res.	Senate executive document	S. ex. doc.
House report	H. rp.	Senate joint resolution	S. J. Res.
House resolution (simple)	H. Res.	Senate report	S. rp.
Illustration, illustrations	il.	Senate resolution (simple)	S. Res.
Inch, inches	in.	Session	sess.
Interstate Commerce Commission	I. C. C.	Sixteenmo	16°
Latitude	lat.	Table, tables	tab.
Longitude	long.	Thirtytwo-mo	32°
Mile, miles	m.	Treasury	Treas.
Miscellaneous	mis., misc.	Twelvemo	12°
Nautical	naut.	Twentyfour-mo	24°
No date	n. d.	Versus	*vs.*, *v.*
No place	n. p.	Volume, volumes	v., vol.
Number, numbers	no., nos.	Year	yr.

Common abbreviations for names of States and months are also used.
* Document for sale by Superintendent of Documents.
† Distribution by office issuing document, free if unaccompanied by a price.
‡ Printed for official use.
NOTE.—Nearly all of the departments of the Government make a limited free distribution of their publications. When an entry shows a * price, it is possible that upon application to the issuing office a copy may be obtained without charge.

Explanation

Words and figures inclosed in brackets [ ] are given for information, but do not appear on the title-pages of the publications catalogued. When place and printer are not given, it is to be understood that the publication is printed at the United States Government Printing Office, Washington, D. C. When size is not given octavo is to be understood. Size of maps is measured from outer edge of border, excluding margin. The date, including day, month, and year, given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

The L. C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

HOW TO ORDER PUBLICATIONS—FOLLOWS CONTENTS

CONTENTS

	Page
General Information	1017–1018
Corrections for previous Monthly catalogues	1018
Agriculture Department	1019–1028
Agricultural Economics Bureau	1020
Animal Industry Bureau	1020–1021
Biological Survey Bureau	1021
Chemistry and Soils Bureau	1021–1022
Dairy Industry Bureau	1022
Entomology Bureau	1022–1023
Experiment Stations Office	1023
Extension Service	1023
Food and Drug Administration	1023
Forest Service	1024
Home Economics Bureau	1024
Information Office	1024
Plant Industry Bureau	1024–1026
Public Roads Bureau	1026–1027
Weather Bureau	1027–1028
American Samoan Commission	1028
Civil Service Commission	1028
Commerce Department	1028–1039
Aeronautics Branch	1029
Census Bureau	1029–1031
Coast and Geodetic Survey	1031–1033
Fisheries Bureau	1033–1034
Foreign and Domestic Commerce Bureau	1034–1035
Lighthouses Bureau	1035
Mines Bureau	1035–1036
Navigation Bureau	1036
Patent Office	1036–1037
Publications Division	1037
Radio Division	1038
Standards Bureau	1038–1039
Steamboat Inspection Service	1039
Congress	1040–1041
George Washington Bicentennial Commission	1040
House of Representatives	1040
Printing Joint Committee	1040
Senate	1040–1041
Appropriations Committee	1040
Senatorial Campaign Expenditures Select Committee	1040–1041
Wild Life Resources, Special Committee on	1041

Congress—Continued. Page
Washington, George, Commission for Celebration of 200th Anniversary of Birth of 1041
Court of Claims 1041–1044
Court of Customs and Patent Appeals 1044
Customs Court 1044
District of Columbia 1044
Federal Board for Vocational Education 1044
Federal Farm Board 1044
Federal Reserve Board 1045
Federal Trade Commission 1045–1046
General Accounting Office 1046
Geographic Board 1046
Government Printing Office 1046–1047
Documents Office 1047
Interior Department 1047–1050
Education Office 1047–1048
Geological Survey 1048–1049
National Park Service 1049
Reclamation Bureau 1049–1050
Interstate Commerce Commission 1050–1059
Justice Department 1059–1061
Labor Department 1062–1063
Employment Service 1062
Labor Statistics Bureau 1062
Naturalization Bureau 1062–1063
Library of Congress 1063
Catalogue Division 1063
Copyright Office 1063
Service for the Blind 1063
National Academy of Sciences 1064
National Research Council 1064
National Advisory Committee for Aeronautics 1064–1065
National Commission on Law Observance and Enforcement 1065
Navy Department 1065–1070
Aeronautics Bureau 1065
Engineering Bureau 1065
Medicine and Surgery Bureau 1066
Naval Intelligence Office 1066
Naval Records and Library Office 1066
Navigation Bureau 1066–1070
Hydrographic Office 1066–1069
Nautical Almanac Office 1069
Naval Academy 1069–1070
Supplies and Accounts Bureau 1070
Pan American Union 1070–1071
Panama Canal 1071
Governor 1071
Post Office Department 1071–1073
Accounts Bureau 1072
Comptroller's Office 1072
Equipment and Supplies Division 1073

Post Office Department—Continued. Page
International Postal Service Division 1073
Railway Mail Service 1073
Topography Division 1073
President of United States 1074–1076
Shipping Board 1076
Shipping Board Merchant Fleet Corporation 1076
Smithsonian Institution 1077
National Museum 1077
State Department 1077–1078
Supreme Court 1078–1079
Tariff Commission 1080
Tax Appeals Board 1080
Treasury Department 1081–1086
Budget Bureau 1081–1083
Federal Standard Stock Catalogue Board 1081–1083
Coast Guard 1083
Comptroller of Currency 1083
Customs Bureau 1083
Customs Court 1083
General Supply Committee 1084
Government Actuary 1084
Internal Revenue Bureau 1084
Loans and Currency Division 1084
Public Debt Service 1084
Public Health Service 1084–1086
Venereal Diseases Division 1086
Treasurer of United States 1086
Veterans' Administration 1086
Veterans' Bureau 1086
War Department 1086–1090
Adjutant General's Department 1087–1088
Engineer Department 1088–1089
Northern and Northwestern Lakes Survey 1089
Rivers and Harbors Board 1089
Finance Department 1089
Judge Advocate General's Department 1089
Ordnance Department 1089
Quartermaster General of Army 1090
Signal Office 1090
War Policies Commission 1090

at
ap
St

va

of
bo
or
be

ha
fr
co
pu

se
of
tic
te

te
ge
or
do
ce
un

kn
tit
ex
to
e.

Su
or
el
on

General Information

The Superintendent of Documents, Washington, D. C., is authorized to sell at cost, plus 10 per cent, without limit as to the number of copies to any one applicant who agrees not to resell or distribute the same for profit, any United States Government publication not confidential in character.

Publications can not be supplied free to individuals nor forwarded in advance of payment.

The accumulation of publications in this Office amounts to several millions, of which over five million are assorted, forming the sales stock. Many rare books are included, but under the law all must be sold regardless of their age or scarcity. Many of the books have been in stock some time, and are apt to be shopworn. In filling orders the best copy available is sent.

PRICE LISTS

A general price list of public documents is not available, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, if the person interested will state the subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalogue.

WEEKLY LIST

In addition to the Price lists, the Documents Office issues a Weekly list of selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalogue that are for sale by the Superintendent of Documents are indicated by a star (*) preceding the price. A dagger (†) indicates that application should be made to the Department, Bureau, or Division issuing the document. A double dagger (‡) indicates that the document is printed for official use. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the Bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing Department, Bureau, or Division, and the title, together with the classification number which is added to the entry at the extreme right; order the Congressional documents and reports by the title, together with the document or report number and the Congress and session, e. g., H. doc. 605, 71–3.

Do not use the L. C. card number in ordering a publication.

HOW TO REMIT

Remittances for the documents marked with a star (*) should be made to the **Superintendent of Documents, Washington, D. C.**, by coupons, postal money order, express order, or check. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Postage stamps, foreign money, defaced or smooth coins, will not be accepted.

For the convenience of the general public, coupons that are good until used in exchange for Government publications sold by the Superintendent of Documents may be purchased from his Office in sets of 20 for $1.00. Address order to Superintendent of Documents, Government Printing Office, Washington, D. C.

No charge is made for postage on documents forwarded to points in United States, Alaska, Guam, Hawaii, Philippine Islands, Porto Rico, Samoa, or to Canada, Cuba, or Mexico. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-third of the price of the publication.

TO LIBRARIANS

The number given at the extreme right of each entry (except for Congressional documents and reports) is the classification number by which the publication is arranged in the Library and in the Sales Stock of the Office of the Superintendent of Documents. It can be used as a classification number by such libraries as are using, for the Departmental publications, the arrangement of public documents advocated in the Checklist of United States public documents, 1789–1909. In using this number as a classification number in a library, it should be noted that the shilling mark (/) is used to separate what would ordinarily be a superior number or letter (the numbers or letters immediately following the line) from the main classification number, it not being practicable to print these numbers and letters as superiors in the Monthly catalogue, e. g., the number A 1.23/a : So 96/4 listed in the Monthly catalogue would be $A\ 1.23^{a}$: $So\ 96^{4}$ in a library.

LIBRARY OF CONGRESS CARDS

Numbers to be used in ordering the printed catalogue cards of the Library of Congress are appended to entries for the more important publications. These are given at the left, with "L. C. card" prefixed. Do not confuse with the Documents Office classification number given at the right. Orders for these cards, remittances in payment for them, and requests for information about them should be addressed to the Librarian of Congress, *not* to the Superintendent of Documents.

MONTHLY CATALOGUE DISTRIBUTION

The Monthly catalogue is sent to public libraries free on application. Subscription price to individuals, 75c. a year, including index; foreign subscription, $1.15 a year. Back numbers can not be supplied. Notify the Superintendent of Documents of any change of address.

CORRECTIONS FOR PREVIOUS MONTHLY CATALOGUES

Mar. 1931. On p. 775, 19th and 18th lines from bottom of page, change "Sylvester T. Shicktanz" to read "Sylvester T. Schicktanz."

May, 1931. On p. 1011, 23d line from bottom of page, change "Syphilis of aorto" to read "Syphilis of aorta."

BINDING THE CATALOGUE

The Documents Office will soon issue an index to all entries in the twelve numbers of the Monthly catalogue, July, 1930, to June, 1931. A title-page for the twelve numbers of the catalogue will accompany the index. Duplicate numbers of the Monthly catalogue can not be supplied.

MONTHLY CATALOGUE

No. 438 JUNE 1931

AGRICULTURE DEPARTMENT

NOTE.—Those publications of the Department of Agriculture which are for sale will be supplied by the Superintendent of Documents, Washington, D. C. The Department issues a monthly list of publications which will be mailed to all applicants, enabling them to select such reports and bulletins as interest them.

Appropriations. Department of Agriculture appropriations for fiscal year 1932. [1931.] 12 p. 4° ‡ A 1.2 : Ap 6/2

Cattle. [Bureau of Animal Industry] order 329, regulations governing appraisement of and compensation for tuberculous and paratuberculous cattle condemned and destroyed in control and eradication of tuberculosis and paratuberculosis of animals, effective July 1, 1931; May 1, 1931. June, 1931. 4 p. † A 4.5 : 329

—— Nutrient requirements for normal growth of dairy cattle; by C. H. Eckles and T. W. Gullickson. 1931. [2]+603–616 p. il. [From Journal of agricultural research, v. 42, no 9, May 1, 1931] † A 1.23/a : C 297/25

—— Nutrients used for maintenance by growing dairy cattle [with list of literature cited]; by T. W. Gullickson and C. H. Eckles. 1931. [2]+593–601 p. il. [From Journal of agricultural research, v. 42, no. 9, May 1, 1931.] † A 1.23/a : C 297/24

Cotton. Study of cotton plant with especial reference to its nitrogen content [with list of literature cited]; by G. M. Armstrong and W. B. Albert. 1931. [2]+689–703 p. il. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] † A 1.23/a : C 829/66

Crops and markets, June, 1931; v. 8, no. 6. [1931.] p. 201–240, il. 4° [Monthly.] * Paper, 60c. a yr.; foreign subscription, 85c.
L. C. card Agr 24–113 A 36.11/3 : 8/6

Ice-cream. Effect of pasteurizing and homogenizing temperatures on certain properties of ice-cream mixes [with list of literature cited]; by C. D. Dahle and G. S. Barnhart. 1931. [2]+675–688 p. il. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] † A 1.23/a : Ic 2/2

Loans. Regulations relative to loans for feed for livestock (dairy cattle, stock cattle, hogs, and sheep). [1931.] 2 p. (Form L. S–1.) † A 51.6 : L 74

Official record, Department of Agriculture, v. 10, no. 23–26; June 6–27, 1931. [1931.] p. 169–192, il. 4° [Weekly.] * Paper, 50c. a yr.; foreign subscription, $1.10.
L. C. card Agr 22–146 A 1.33 : 10/23–26

Proteids. Preliminary study of determination of apparent digestibility of protein by modified procedures [with list of literature cited]; by Willis D. Gallup and A. H. Kuhlman. 1931. ii+665–669 p. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] † A 1.23/a : P 946/12

Quarantine. Modification of Japanese beetle quarantine regulations, Amendment 1 to rules and regulations (9th revision) supplemental to Notice of quarantine 48, effective June 15, 1931. [1931.] 4 p. (Plant Quarantine and Control Administration.) † A 48.5 : 48/8th rev./931

How to order publications—See information following Contents

AGRICULTURAL ECONOMICS BUREAU

Agricultural situation, brief summary of economic conditions, June 1, 1931; v. 15, no. 6. [1931.] 24 p. [Monthly.] * Paper, 5c. single copy, 25c. a yr.; foreign subscription, 40c.
L. C. card Agr 26-1797 A 36.15: 15/6

Harvesting small grain, soybeans, and clover in corn belt with combines and binders; by L. A. Reynoldson, W. R. Humphries, and J. H. Martin. May, 1931. cover-title, 55 p. il. (Agriculture Dept. Technical bulletin 244.) [Prepared in cooperation with Public Roads Bureau, Plant Industry Bureau, and Agricultural Experiment Stations of Illinois and Indiana. Text on p. 2 of cover.] * Paper, 15c.
L. C. card Agr 31-456 A 1.36: 244

Haystacks. Method of determining volume and tonnage of haystacks; by W. H. Hosterman. June, 1931. cover-title, 36 p. il. (Agriculture Dept. Technical bulletin 239.) [Prepared in cooperation with Agricultural Experiment Stations of California, Colorado, Idaho, Minnesota, Montana, Nebraska, Nevada, Oregon, South Dakota, and Utah. Text on p. 2 of cover.] * Paper, 10c.
L. C. card Agr 31-458 A 1.36: 239

McKee, Harry H. In Patent Office, before examiner of interferences, interference no. 60471, Harry Henry McKee *v.* John F. Barghausen; [declaration of interference, testimony, etc.]. [1931.] cover-title, i+60 p. large 8° [Concerns method of marking edible carcasses and meats for market.] ‡
A 36.2: M 19

Markets. Is public market a good civic investment? [by Caroline B. Sherman]. [May, 1931.] 8 p. il. (Agriculture Dept. Leaflet 73.) * Paper, 5c.
L. C. card Agr 31-453 A 1.35: 73

Service announcements. Service and regulatory announcements, no. 124: Regulations of Secretary of Agriculture under cotton futures act, effective May 1, 1931. [May, 1931.] cover-title, 22 p. * Paper, 5c.
L. C. card Agr 31-468 A 36.5: 124

—— Same, no. 125: Regulations of Secretary of Agriculture under cotton standards act, effective May 1, 1931. [May, 1931.] cover-title, 23 p. [Supersedes Service and regulatory announcements, no. 115.] * Paper, 5c.
L. C. card Agr 31-469 A 36.5: 125

ANIMAL INDUSTRY BUREAU

Disinfectants. Some common disinfectants; [by M. Dorset]. [Mar. 1918, revised May, 1931.] [1931.] ii+10 p. il. (Agriculture Dept. Farmers' bulletin 926.) [Revision of Farmers' bulletin 345.] * Paper, 5c.
L. C. card Agr 18-325 A 1.9: 926/4

Goats. Milk goats, [by Edward L. Shaw; revised by C. G. Potts]. [Feb. 1918, revised Dec. 1927, reprint 1931.] ii+33 p. il. (Agriculture Dept. Farmers' bulletin 920.) * Paper, 5c.
L. C. card Agr 26-1724 A 1.9: 920/4-5

Homing pigeons, their care and training; [by Alfred R. Lee]. [Reprint with changes 1931.] ii+14 p. il. (Agriculture Dept. Farmers' bulletin 1373.) [Mar. 1924, on p. ii, is date of previous reprint.] * Paper, 5c.
L. C. card Agr. 24-279 A 1.9: 1373/2-3

Horses. Care and management of farm work horses; [by J. O. Williams and Earl B. Krantz]. [June, 1924, revised Apr. 1929, reprint 1931.] ii+18 p. il. (Agriculture Dept. Farmers' bulletin 1419.) * Paper, 5c.
L. C. card Agr. 24-740 A 1.9: 1419/2-2

Lamb. Boning lamb cuts; [by K. F. Warner]. [June, 1931.] 8 p. il. (Agriculture Dept. Leaflet 74.) * Paper, 5c.
L. C. card Agr. 31-661 A 1.35: 74

Orthophenylphenol. Germicidal efficiency of orthophenylphenol against Mycobacterium tuberculosis; by F. W. Tilley, A. D. MacDonald, and J. M. Schaffer. 1931. [2]+653-656 p. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] †
A 1.23/a : T 79/2

Poultry. Diseases and parasites of poultry; [by John S. Buckley, Hubert Bunyea, and Eloise B. Cram]. [Jan. 1931, revised May, 1931.] [1931.] ii+62 p. il. (Agriculture Dept. Farmers' bulletin 1652.) [Revision of Farmers' bulletin 1337, Diseases of poultry.] * Paper, 10c.
L. C. card Agr. 31-17 A 1.9 : 1652/2

—— Feeding chickens; [by M. A. Jull and A. R. Lee]. [Oct. 1927, revised May, 1931.] [1931.] ii+22 p. il. (Agriculture Dept. Farmers' bulletin 1541.) [Supersedes Farmers' bulletin 1067, Feeding hens for egg production.] * Paper, 5c.
L. C. card Agr. 30-158 A 1.9 : 1541/4

Tuberculosis of fowls; [by Bernard A. Gallagher]. [June, 1921, revised May, 1931.] [1931.] ii+6 p. il. (Agriculture Dept. Farmers' bulletin 1200.) * Paper, 5c. A 1.9 : 1200/3

BIOLOGICAL SURVEY BUREAU

Canaries, their care and management; [by Alexander Wetmore]. [May, 1923, revised Apr. 1924, reprint with omission of bibliography 1931.] ii+21 p. il. (Agriculture Dept. Farmers' bulletin 1327.) [Revision of Farmers' bulletin 770.] * Paper, 5c.
L. C. card Agr. 23-743 A 1.9 : 1327/2-5

English sparrow control; [by E. R. Kalmbach]. June, 1930, revised Apr. 1931. [1931.] 8 p. il. (Agriculture Dept. Leaflet 61.) [Supersedes Farmers' bulletin 493, English sparrow as pest, published in 1912 and revised in 1917.] * Paper, 5c.
L. C. card Agr. 30-703 A 1.35 : 61/2

Rabbits. Cottontail rabbits in relation to trees and farm crops; [by D. E. Lantz]. [Jan. 17, 1916, revised May, 1929, reprint 1931.] 14 p. il. (Agriculture Dept. Farmers' bulletin 702.) * Paper, 5c.
L. C. card Agr. 22-1056 A 1.9 : 702/4-3

CHEMISTRY AND SOILS BUREAU

NOTE.—Beginning with the 1923 series, Soil survey reports have been issued separately only. These reports of the individual areas are sent to libraries as soon as they are available and should be filed, preserved, and ultimately bound to take the place of the bound volumes of the Field operations which were formerly supplied by the Department. The reports for each year are consecutively numbered, the last report for a particular year bearing the conspicuous notice: "This number is the last Soil survey report for the year 192—."

Alfalfa. Effect of salt on microbial heating of alfalfa hay [with list of literature cited]; by L. S. Stuart and Lawrence H. James. 1931. ii+657-664 p. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] †
A 1.23/a : Al 28/20

Boots and shoes. Leather shoes, selection and care; [by F. P. Veitch, R. W. Frey, and H. P. Holman]. [Apr. 1927, reprint 1931.] ii+22 p. il. (Agriculture Dept. Farmers' bulletin 1523.) [Revision of Farmers' bulletin 1183, Care of leather.] * Paper, 5c.
L. C. card Agr 27-310 A 1.9 : 1523/1-3

Butler County, Ohio. Soil survey of Butler County, Ohio; by Earl D. Fowler and T. C. Green. [1931.] cover-title, 41 p. il. 1 pl. map. ([Soil survey report] 12, series 1927.) [Prepared in cooperation with Ohio Agricultural Experiment Station. Text and illustration on p. 2-4 of cover.] * Paper, 20c.
L. C. card Agr 31-463 A 47.5 : 927/12

Clear Lake. Soil survey of Clear Lake area, Calif.; by E. J. Carpenter, R. Earl Storie, and Stanley W. Cosby. [1931.] cover-title, 45 p. il. 2 p. of pl. map. ([Soil survey report] 13, series 1927.) [Prepared in cooperation with University of California Agricultural Experiment Station. Text and illustration on p. 2-4 of cover.] * Paper, 15c.
L. C. card Agr 31-466 A 47.5 : 927/13

Wohl, Alfred. Interference no. 51639, in Patent Office, before board of appeals, Wohl *v.* Gibbs and Conover; brief for appellees, Gibbs and Conover. [1931.] cover-title, i+22 p. large 8° [Concerns a process for manufacture of phthalic anhydride, phthalic acid, benzoic acid, and napthaquinones.] ‡
A 47.6:W 823/2

DAIRY INDUSTRY BUREAU

Calves. Care of dairy calf; [by J. B. Shepherd]. Mar. 1928, revised May, 1931. [1931.] 8 p. il. (Agriculture Dept. Leaflet 20.) * Paper, 5c.
L. C. card Agr 28-375 A 1.35:20/2

ENTOMOLOGY BUREAU

Carpet beetles and their control; [by E. A. Back]. [July, 1923, reprint 1931.] ii+14 p. il. (Agriculture Dept. Farmers' bulletin 1346.) * Paper, 5c.
L. C. card Agr 23-1020 A 1.9:1346/1-4

Chalcid control in alfalfa-seed production; [by V. L. Wildermuth]. [May, 1931.] ii+14 p. il. (Agriculture Dept. Farmers' bulletin 1642.) [Revision of Farmers' bulletin 636, Chalcis-fly in alfalfa seed.] * Paper, 5c.
L. C. card Agr 31-457 A 1.9:1642

Clothes moths and their control; [by E. A. Back]. [July, 1923, revised June, 1931.] [1931.] ii+30 p. il. (Agriculture Dept. Farmers' bulletin 1353.) * Paper, 5c.
L. C. card Agr 23-1237 A 1.9:1353/3

Fleas and their control; [by] F. C. Bishopp. [Revised Apr. 1931.] 1931. 16 p. il. (Agriculture Dept. Farmers' bulletin 897.) [Nov. 1915, on p. 2, is the original date of issue of Farmers' bulletin 683 of which Farmers' bulletin 897 is a revision.] * Paper, 5c.
L. C. card Agr 21-706 A 1.9:897/5

Hessian flies. Two wild grasses as hosts of Hessian fly, Phytophaga destructor; by W. B. Noble. 1931. [2]+589-592 p. [From Journal of agricultural research, v. 42, no. 9, May 1, 1931.] † A 1.23/a:H 468/12

Insects. How to detect outbreaks of insects and save grain crops; [by W. R. Walton]. [June, 1917, revised May, 1931.] [1931.] ii+21 p. il. (Agriculture Dept. Farmers' bulletin 835.) * Paper, 5c.
L. C. card Agr 20-1783 A 1.9:835/4

—— Insects attacking peach in the South and how to control them; [by Oliver I. Snapp]. [May, 1928, revised May, 1931.] [1931.] ii+42 p. il. (Agriculture Dept. Farmers' bulletin 1557.) * Paper, 10c.
L. C. card Agr 28-677 A 1.9:1557/2

—— Insects injurious to ornamental greenhouse plants; [by C. A. Weigel and E. R. Sasscer]. [Reprint 1931.] ii+81 p. il. (Agriculture Dept. Farmers' bulletin 1362.) * Paper, 15c.
L. C. card Agr 24-244 A 1.9:1362/1-5

Larger corn stalk-borer; [by George G. Ainslie]. [Feb. 1919, reprint 1931.] 12 p. il. (Agriculture Dept. Farmers' bulletin 1025.) [Apr. 1925, on p. 2, is date of previous reprint. Supersedes Farmers' bulletin 634.] * Paper, 5c.
L. C. card Agr 19-330 A 1.9:1025/1-7

Red spider on cotton and how to control it; [by E. A. McGregor]. [Aug. 1917, revised Apr. 1931.] [1931.] 15 p. il. (Agriculture Dept. Farmers' bulletin 831.) [Revision of Farmers' bulletin 735.] * Paper, 5c.
L. C. card Agr 28-1598 A 1.9:831/3

Silverfish, as pest of household; [by E. A. Back]. [June, 1931.] ii+6 p. il. (Agriculture Dept. Farmers' bulletin 1665.) [Revision of Farmers' bulletin 902, Silverfish, or slicker, injurious household pest.] * Paper, 5c.
L. C. card Agr 31-662 A 1.9:1665

Stable fly, how to prevent its annoyance and its losses to livestock; [by F. C. Bishopp]. [Apr. 1920, revised Apr. 1931.] [1931.] ii+18 p. il. (Agriculture Dept. Farmers' bulletin 1097.) [Revision of Farmers' bulletin 540, Stable fly.] * Paper, 5c.
L. C. card Agr 20-998 A 1.9:1097/4

EXPERIMENT STATIONS OFFICE

Agricultural engineering. Opportunities for engineering research in agriculture; by R. W. Trullinger. [1931.] 8 p. [From Experiment station record, v. 65, no. 1.] † A 10.6/a:En 33

Experiment station record. Experiment station record, v. 63; index number. [1931.] cover-title, xxii+901-998 p. * Paper, 10c. single copy, 75c. per vol. (2 vols. a yr.); foreign subscription, $1.25 per vol.
L. C. card Agr 9-832 A 10.6:63/ind.

NOTE.—Mainly made up of abstracts of reports and publications on agricultural science which have recently appeared in all countries, especially the United States. Extra numbers, called abstract numbers, are issued, 3 to each volume. These are made up almost exclusively of abstracts, that is, they contain no editorial notes and only a limited number of current notes.

—— Same, v. 64, no. 8; June, 1931. [1931.] cover-title, p. 701-800. [Text and illustration on p. 2-4 of cover.] A 10.6:64/8

—— Same, v. 64, no. 9; June, 1931, abstract number. [1931.] cover-title, p. 801-900. [Text and illustration on p. 2-4 of cover.] A 10.6:64/9

Vitamins in food materials [with lists of references], by Sybil L. Smith; [with illustrations by Hazel E. Munsell]. Nov. 1929 [reprint 1931]. cover-title, 55 p. 1 pl. 2 p. of pl. (Agriculture Dept. Circular 84.) [Prepared in cooperation with Home Economics Bureau.] * Paper, 15c.
L. C. card Agr 29-1604 A 1.4/2:84/1-2

EXTENSION SERVICE

Extension Service review, v. 2, no. 6: June, 1931. [1931.] cover-title, p. 81-96, il. 4° [Monthly. Text and illustration on p. 2-4 of cover.] * Paper, 5c. single copy, 50c. a yr.; foreign subscription, 75c.
L. C. card Agr 30-359 A 43.7:2/6

FOOD AND DRUG ADMINISTRATION

Food. Notices of judgment under food and drugs act 17751-800. June, 1931. p. 465-504. * Paper, 5c.
L. C. card Agr. 8-878 A 46.6:17751-17800

—— Same 17801-825. June, 1931. p. 505-516. * Paper, 5c.
A 46.6:17801-17825

—— Same 17826-875. June, 1931. p. 517-556. * Paper, 5c.
A 46.6:17826-17875

—— Same 17876-900. June, 1931. p. 557-568. * Paper, 5c.
A 46.6:17876-17900

—— Same 17901-925. June, 1931. p. 569-587. * Paper, 5c.
A 46.6:17901-17925

—— Same 17926-975. June, 1931. p. 589-624. * Paper, 5c.
A 46.6:17926-17975

—— Same 17976-18000. June, 1931. p. 625-636. * Paper, 5c.
A 46.6:17976-18000

Naval stores. Notice of judgment under regulations of naval stores act no. 3. May, 1931. 1 p. †
L. C. card Agr 29-1197 A 46.8:3

FOREST SERVICE

Camping. Good manners in the forest, good sportsman, camper, or tourist, when he goes into national forest [observes 7 listed rules]. [1931.] [4] p. il. narrow 16° † A 13.2 : M 31/2/931

Forest worker, May, 1931; [v. 7, no. 3]. [1931.] ii+30 p. [Bimonthly.] * Paper, 5c. single copy, 25c. a yr.; foreign subscription, 35c.
L. C. card Agr 24–838 A 13.19 : 931/3

Forestry as a profession; by Edward A. Sherman. [Revised edition.] [1931.] 16 p. * Paper, 5c.
L. C. card Agr 31–464 A 13.2 : F 76/19/931

Forests and floods; by Ward Shepard. Jan. 1928, revised May, 1931. [1931.] 24 p. il. (Agriculture Dept. Circular 19.) * Paper, 5c.
L. C. card Agr 28–7 A 1.4/2 : 19/2

Rivers. Act of Mar. 1, 1911, Weeks law (36 Stat. 961), act to enable any State to cooperate with any other State or States, or with United States, for protection of watersheds of navigable streams, and to appoint commission for acquisition of lands for purpose of conserving navigability of navigable rivers. [1931.] 4 p. * Paper, 5c. A 13.2 : W 41

Maps

Motorways to and through national forests of the East and South; issued by regional forester, Eastern National Forest Region, Washington, D. C. [1931.] 1 sheet (with map on verso), il. oblong 8°, folded into narrow 8° size and so printed as to number [3] pages. † A 13.13 : M 85/931

HOME ECONOMICS BUREAU

Cookery. Aunt Sammy's radio recipes, revised; [by] Ruth Van Deman and Fanny Walker Yeatman. May, 1931. v+142 p. †
L. C. card Agr 31–704 A 42.2 : R 24/3

Eggs at any meal; [by Lucy M. Alexander and Fanny Walker Yeatman], [Apr. 1929, revised Apr. 1931.] [1931.] 8 p. il. (Agriculture Dept. Leaflet 39.) [Prepared in cooperation with Animal Industry Bureau.] * Paper, 5c.
L. C. card Agr 29–692 A 1.35 : 39/2

Slip covers; by Bess M. Viemont. June, 1931. 8 p. il. (Agriculture Dept. Leaflet 76.) * Paper, 5c.
L. C. card Agr 31–462 A 1.35 : 76

INFORMATION OFFICE

Farmers' bulletins. Available [Farmers'] bulletins and Leaflets of Department of Agriculture of interest to residents of cities and towns [May 15, 1931]. 1931. 1 p. ([List] no. 3.) † A 21.9/8 : 3/15

PLANT INDUSTRY BUREAU

Alfalfa. Commercial varieties of alfalfa; [by R. A. Oakley and H. L. Westover]. [Feb. 1926, revised July, 1927, reprint 1931.] ii+22 p. il. (Agriculture Dept. Farmers' bulletin 1467.) [Revision of Farmers' bulletin 757.] * Paper, 5c.
L. C. card Agr 26–672 A 1.9 : 1467/2–2

Apples. Arsenical and other fruit injuries of apples resulting from washing operations [with list of literature cited]; by D. F. Fisher and E. L. Reeves. June, 1931. 12 p. (Agriculture Dept. Technical bulletin 245.) * Paper, 5c.
L. C. card Agr 31–467 A 1.36 : 245

Citrus-scab. Development of citrus-scab organism, Sphaceloma fawcettii [with list of literature cited]; by Anna E. Jenkins. 1931. [2]+545–558 p. il. 1 pl. [From Journal of agricultural research, v. 42, no. 9, May 1, 1931.] †
A 1.23/a : C 498/40

Corn. Chemical-dust seed treatments for dent corn; by J. R. Holbert, C. S. Reddy, and Benjamin Koehler. Feb. 1928 [reprint 1931]. 6 p. (Agriculture Dept. Circular 34.) [Prepared in cooperation with Illinois Agricultural Experiment Station and Funk Bros. Seed Co., Bloomington, Ill.] * Paper, 5c.
L. C. card Agr 28–268 A 1.4/2: 34/1–2

Cotton. Community cotton production; [by O. F. Cook and R. D. Martin]. [Aug. 1924, reprint 1931.] ii+21 p. il. (Agriculture Dept. Farmers' bulletin 1384.) * Paper, 5c.
L. C. card Agr 24–827 A 1.9: 1384/1–3

—— Metaxenia in cotton [with list of literature cited]; by George J. Harrison. 1931. ii+521–544 p. il. [From Journal of agricultural research, v. 42, no. 9, May 1, 1931.] † A 1.23/a: C 829/65

Daffodils. Experiments with hot-water treatment of daffodils in relation to forcing and field culture; by David Griffiths. Apr. 1930 [reprint 1931]. 36 p. il. 1 pl. (Agriculture Dept. Circular 113.) [Text matter reset necessitating changes of page numbers in contents.] * Paper, 15c.
L. C. card Agr 30–700 A 1.4/2: 113/1–2

Gardening. Dry-land gardening at Northern Great Plains Field Station, Mandan, N. Dak.; by T. K. Killand. Aug. 1926 [reprint 1931]. 16 p. il. (Agriculture Dept. Department bulletin 1427.) [Text matter reset necessitating change of page number in contents.] * Paper, 5c.
L. C. card Agr 26–1457 A 1.3: 1427/1–2

Logan blackberry. Culture of Logan blackberry and related varieties; [by George M. Darrow]. [July, 1918, revised Feb. 1927, reprint 1931.] ii+21 p. il. (Agriculture Dept. Farmers' bulletin 998.) * Paper, 5c.
L. C. card Agr 21–17 A 1.9: 998/3–5

Peppermint and spearmint as farm crops; [by Arthur F. Sievers]. [Feb. 1929, reprint 1931.] ii+26 p. il. (Agriculture Dept. Farmers' bulletin 1555.) [Supersedes Farmers' bulletin 694, Cultivation of peppermint and spearmint.] * Paper, 5c.
L. C. card Agr 29–544 A 1.9: 1555/1–3

Plant material introduced by Division of Foreign Plant Introduction, Oct. 1–Dec. 31, 1929; nos. 81620–82599. June, 1931. 48 p. (Inventory 101.) * Paper, 5c.
L. C. card Agr 7–1331 A 19.12: 101

Potatoes. Why potatoes run out; [by E. S. Schultz]. [Nov. 1924, revised Dec. 1927, reprint 1931.] ii+21 p. il. (Agriculture Dept. Farmers' bulletin 1436.) * Paper, 5c.
L. C. card Agr 25–406 A 1.9: 1436/2–4

Roses. Rose diseases, their causes and control; [by Alma M. Waterman]. [Feb. 1928, reprint 1931.] ii+20 p. il. (Agriculture Dept. Farmers' bulletin 1547.) [Prepared in cooperation with Department of Botany, Brown University.] * Paper, 5c.
L. C. card Agr 28–369 A 1.9: 1547/1–3

—— Roses for the home; [by F. L. Mulford]. [Sept. 16, 1916, revised Jan. 1921, reprint with changes 1931.] 40 p. il. (Agriculture Dept. Farmers' bulletin 750.) [Apr. 1922, on p. 2, is date of previous reprint.] * Paper, 5c.
L. C. card Agr 22–578 A 1.9: 750/2–12

Seeds. Vegetable seeds for home and market garden; [by W. W. Tracy, sr., and D. N. Shoemaker]. [Apr. 1924, revised July, 1927, reprint 1931.] ii+17 p. il. (Agriculture Dept. Farmers' bulletin 1390.) [Supersedes Farmers' bulletin 884.] * Paper, 5c.
L. C. card Agr 24–462 A 1.9: 1390/2–4

Strawberry dwarf. Field observations on strawberry dwarf [with list of literature cited]; by Neil E. Stevens. June, 1931. 8 p. il. (Agriculture Dept. Circular 174.) * Paper, 5c.
L. C. card Agr 31–459 A 1.4/2: 174

Sweet potatoes. Some effects of chilling temperatures on sweetpotatoes; by J. I. Lauritzen. 1931. ii+617–627 p. 1 pl. [From Journal of agricultural research, v. 42, no. 10, May 15, 1931.] † A 1.23/a : P 847/94

—— Storage of sweet potatoes; [by H. C. Thompson]. [Feb. 1925, reprint 1931.] ii+22 p. il. (Agriculture Dept. Farmers' bulletin 1442.) [Revision of Farmers' bulletin 970, Sweet-potato storage. Includes list of Agriculture Department publications on sweet potatoes.] * Paper, 5c.
L. C. card Agr 25–639 A 1.9 : 1442/1–6

Tree planting. Planting and care of shelter belts on northern Great Plains; [by Robert Wilson]. [Aug. 1929, reprint 1931.] ii+14 p. il. (Agriculture Dept. Farmers' bulletin 1603.) * Paper, 5c.
L. C. card Agr 29–1534 A 1.9 : 1603/1–3

Trees. Relation of season of wounding and shellacking to callus formation in tree wounds [with list of literature cited]; by Rush P. Marshall. June, 1931. 29 p. il. (Agriculture Dept. Technical bulletin 246.) [Prepared in cooperation with Yale University.] * Paper, 10c.
L. C. card Agr 31–460 A 1.36 : 246

Uromyces. Mechanism of sex in Uromyces appendiculatus and U. vignae [with list of literature cited]; by C. Frederic Andrus. 1931. [2]+559–587 p. il. [From Journal of agricultural research, v. 42, no. 9, May 1, 1931.] †
A 1.23/a : Se 91/2

Velvet bean; [by C. V. Piper and W. J. Morse]. [Nov. 1922, reprint 1931.] [2]+28 p. il. (Agriculture Dept. Farmers' bulletin 1276.) [Revision of Farmers' bulletin 962.] * Paper, 5c.
L. C. card Agr 22–1217 A 1.9 : 1276/1–6

PUBLIC ROADS BUREAU

Cellars. Making cellars dry; [by George M. Warren]. [July, 1929, reprint 1931.] ii+29 p. il. (Agriculture Dept. Farmers' bulletin 1572.) [Supersedes Yearbook separate 824, Securing a dry cellar.] * Paper, 5c.
L. C. card Agr 29–1379 A 1.9 : 1572/1–3

Public roads, journal of highway research. v. 12, no. 3; May, 1931. [1931.] cover-title, p. 49–87, il. 4° [Monthly. Text on p. 2–4 of cover.] * Paper, 10c. single copy, $1.00 a yr.; foreign subscription, $1.50.
L. C. card Agr 18–322 A 22.6 : 12/3

Rammed earth walls for buildings [with lists of references; by M. C. Betts and T. A. H. Miller]. [Aug. 1926, reprint 1931.] ii+26 p. il. (Agriculture Dept. Farmers' bulletin 1500.) * Paper, 5c.
L. C. card Agr 26–1461 A 1.9 : 1500/1–4

Terracing farm lands; [by C. E. Ramser]. [Feb. 1924, revised June, 1928, reprint 1931.] ii+20 p. il. (Agriculture Dept. Farmers' bulletin 1386.) * Paper, 5c.
L. C. card Agr 28–672 A 1.9 : 1386/2–3

Progress maps

NOTE.—These maps show the status of improvement of the Federal-aid system in each State, regardless of whether the construction has been done with the aid of the Federal Government, by the States, by the counties, or by the townships. A system of symbols indicates the type of improvement of all the roads and whether the work was done with or without the assistance of the Federal Government. Sheets are of uniform size, some States requiring 2 or more, and are so issued that they may be punched and put in a loose-leaf atlas. The maps are called progress maps, and the series will be issued periodically to show any change in improvement of the highways.

Alabama. Federal aid highway system, progress map: [Alabama]; data corrected to Jan. 1, 1931. Scale 1 : 500,000 or 1 in.=7.891 m. [Washington] Geological Survey [1931]. [3 sheets] each 18.8×28.5 in. [Projection, modified polyconic. Base map from Geological Survey State map.] * 30c. per set of 3 maps. A 22.9 : Al 1/3/C, N, S

Central Alabama. ([Sheet] 21C.)
Northern Alabama. ([Sheet] 21N.)
Southern Alabama. ([Sheet] 21S.)

Florida. Federal aid highway system, progress map: [Florida]; data corrected to Jan. 1, 1931. Scale 1:500,000 or 1 in.=7.891 m. [Washington] Geological Survey [1931]. [4 sheets] each 18.8×28.5 in. [Projection, modified polyconic. Base map from Geological Survey State map.] * 40c. per set of 4 maps. A 22.9: F 66/2/C, NE, NW, S

Central Florida. ([Sheet] 13C.)
Northeastern Florida. ([Sheet] 13NE.)
Northwestern Florida. ([Sheet] 13NW.)
Southern Florida. ([Sheet] 13S.)

Mississippi. Federal aid highway system, progress map: [Mississippi]; data corrected to June 30, 1930. Scale 1:500,000 or 1 in.=7.891 m. [Washington] Geological Survey [1931]. [2 sheets] each 18.8×28.5 in. [Projection, modified polyconic. Base map from Geological Survey State map.] * 20c. per set of 2 maps. A 22.9: M 69 i/2/N, S

Northern Mississippi. ([Sheet] 22N.)
Southern Mississippi. ([Sheet] 22S.)

Pennsylvania. Federal aid highway system, progress map: [Pennsylvania]; data corrected to Jan. 1, 1931. Scale 1:500,000 or 1 in.=7.891 m. [Washington] Geological Survey [1931]. [2 sheets] each 28.5×18.8 in. [Projection, modified polyconic. Base map from Geological Survey State map.] * 20c. per set of 2 maps. A 22.9: P 38/3/E, W

Eastern Pennsylvania. ([Sheet] 5E.)
Western Pennsylvania. ([Sheet] 5W.)

WEATHER BUREAU

Climatological data for United States by sections, v. 18, no. 2; Feb. 1931. [1931.] cover-title, [218] p. il. map, 2 p. of maps, 4° * Paper, 35c. complete monthly number, $4.00 a yr.
L. C. card Agr 14-566 A 29.29: 18/2

NOTE.—Made up of separate Climatological data issued from 42 section centers of the United States. Printed at the several section centers and assembled and bound at the Washington Office. Issued principally for service use and exchange. Back numbers can not be supplied. The separate Climatological data are sold by the Superintendent of Documents, Washington, D. C., at the rate of 5c. single copy, 50c. a yr. for each section.

Cotton. Weekly cotton region bulletin, no. 9-12 [season of 1931]; June 2-23, 1931. New Orleans, La., June 3-24, 1931. Each [2] p. il. 4° * Paper, 30c. per season (April-October). A 29.39: 931/9-12

Meteorology. Monthly meteorological summary, Washington, D. C., May, 1931. [June 5, 1931.] [2] p. large 8° † A 29.30: 931/5

Monthly weather review. Monthly weather review, v. 58, 1930 [title-page, corrections and additions, index, etc.], 1931. xiii p. 4° * Paper, 5c.
A 29.6/1: 58/t. p. & ind.

—— Same, Mar. 1931; v. 59, no. 3. [June 5, 1931.] cover-title, p. 97-137, il. 2 p, of pl. 2 maps, 12 p. of maps, 4° [Text on p. 2 and 4 of cover.] * Paper, 15c. single copy, $1.50 a yr.; foreign subscription, $2.25.
L. C. card Agr 9-990 A 29.6/1: 59/3

NOTE.—The Monthly weather review contains (1) meteorological contributions and bibliography, (2) an interpretative summary and charts of the weather of the month in the United States, and on adjacent oceans, and (3) climatological tables dealing with the weather of the month. The contributions are principally as follows: (a) results of observational or research work in meteorology carried on in the United States or other parts of the world, (b) abstracts or reviews of important meteorological papers and books, and (c) notes.

SPECIAL ARTICLES.—Notes on lake levels [with bibliographies]; by Jesse W. Shuman.—Weather and corn yields [with list of literature cited]; by W. A. Mattice.—Relationship between precipitation in valleys and on adjoining mountains in northern Utah; by George D. Clyde.—Green flash observed Oct. 16, 1929, at Little America by members of Byrd Antarctic Expedition; by William C. Haines.—Field albedometer; by N. N. Kalitin.—Observing weather at Mount Evans, Greenland; by Leonard R. Schneider.—Subsoil moisture and crops for 1931; by Henry C. Snyder.

Weather. Weekly weather and crop bulletin, June 2-30, 1931; no. 22-26, 1931. June 3-July 1, 1931. Each 4 p. il. 4° * Paper, 50c. a yr.
L. C. card Agr 24-260 A 29.7/2: 931/22-26

Weather Bureau; compiled by E. B. Calvert. July, 1931. iv+34 p. il. 16° (Agriculture Dept. Miscellaneous publication 114.) * Paper, 5c.
L. C. card Agr 31-461. A 1.38:114

Weather map. Daily weather map [of United States published at Washington, D. C., containing forecasts for all States east of Mississippi River belonging to Washington forecast district], June 1-30, 1931. [1931.] Each 19×24 in. (outside measurement). * Daily, except Sundays and holidays (DWM), $3.00 a yr., 25c. a month; daily, including Sundays and holidays (DSHM), $3.60 a yr., 30c. a month; Sunday and holiday maps only (SHM), 50c. a yr.; foreign subscription, $7.25 a yr. (maps can not be furnished in quantities unless the order is placed with the Superintendent of Documents, Washington, D. C., in advance of issue). A 29.18:931

NOTE.—Subscribers desiring forecasts of weather conditions outside of the Washington forecast district will be referred to the district in which they are located, and all subscriptions forwarded through the Weather Bureau for proper station reference. Maps containing these forecasts are printed at New Orleans, La., Denver, Colo., Chicago, Ill., San Francisco, Calif., and other field stations, and are designated as station weather maps DD, CM, or E; subscription price, $2.40 a yr., 20c. a month.

Weather outlook, June 8-July 4 [1931]. June 6-27, 1931. Each 1 p. [Weekly. The edition here catalogued is the one for Districts 1-3 issued from the forecast center at Washington, D. C.] † A 29.38:931/22-25

NOTE.—The weather outlooks for the various zones are prepared at, and distributed from, forecast centers of the Weather Bureau, as follows: Washington, D. C. (District 1, North and Middle Atlantic States, District 2, South Atlantic States, District 3, Ohio Valley and Tennessee); New Orleans, La. (District 4, East Gulf States, District 5, Southern Plains and West Gulf States); Chicago, Ill. (District 6, Region of Great Lakes, District 7, Upper Mississippi and lower Missouri valleys, District 8, Northern and central Great Plains); Denver, Colo. (District 9, Northern Rocky Mountain region, District 10, Southern Rocky Mountain and Plateau regions); San Francisco, Calif. (District 11, Far Western States).

AMERICAN SAMOAN COMMISSION

American Samoa. American Samoan Commission's visit to Samoa, Sept.-Oct. 1930; by Reuel S. Moore and Joseph R. Farrington. 1931. v+68 p. il. * Paper, 25c.
L. C. card 31-27054 Y 3. Am 3/2:V 82

CIVIL SERVICE COMMISSION

NOTE.—The Commission furnishes its publications gratuitously to those who apply for them.

Eligibility and certification. May, 1931. 5 p. (Form 2424.) † CS 1.2:El 4/7

Finger-prints. Procedure for fingerprinting appointees to positions in Federal civil service. June, 1931. 10 p. il. 4° (Form 2828.) †
L. C. card 31-27095 CS 1.2:F 49/2

COMMERCE DEPARTMENT

NOTE.—In its efforts to foster, promote, and develop the foreign and domestic commerce, the mining, manufacturing, shipping, and fishery industries, and the transportation facilities of the United States, the Department of Commerce issues many regular and special publications. The free distribution of many of the publications of the Department is confined almost entirely to Government officers, libraries, educational institutions, the press, and commercial organizations. Others may procure them, at prices stated below, from the Superintendent of Documents, Government Printing Office, Washington, D. C., to whom remittances should be sent direct, as his office is not a part of the Department of Commerce. Coast pilots, inside route pilots, tide tables, current tables, and charts are sold by the Coast and Geodetic Survey.

Wood-alcohol. Manufacture of wood alcohol, letter transmitting, in response to resolution, cooperative agreement between Bureau of Mines [and manufacturers of methanol], with correspondence, names of officers and agents of United States, carrying out study and amount of money paid to Bureau of Mines by any manufacturer of wood alcohol, with memorandum from acting director of Bureau of Mines to Secretary of Commerce. 1931. [1]+150 p. il. 1 pl. 131 facsim. (S. doc. 300, 71st Cong. 3d sess.) * Paper, $1.45.
L. C. card 31-27096

AERONAUTICS BRANCH

Air commerce bulletin, v. 2, no. 23 and 24; June 1 and 15, 1931. [1931.] p. 607–670, il. [Semimonthly. No. 24 includes Index to Air commerce bulletin, v. 2.] †
L. C. card 29–26634 C 23.12: 2/23, 24

Airway bulletin 82 revised, 1248–59; Apr. 22-May 19, 1931. [1931.] Each 2 p. or 1 p. il. 12° [Airway bulletin 82 reads: 2d revision.] †
L. C. card 30–7951 C 23.7: 82/3, etc.

Medical examiners of Aeronautics Branch. June 1, 1931. [1]+12 p. (Aeronautics bulletin 23.) †
L. C. card 30–26801 C 23.11: 23/2

Airway maps

Kansas City, Mo., to Omaha, Neb.; airway map no. 150. Scale 10 m.=1.3 in., scale 1: 500,000. Coast and Geodetic Survey, Washington, D. C., May, 1931. 25.8×10.2 in. † 35c., Coast and Geodetic Survey. C 23.10/1: 150

Milford [*Utah*] to Salt Lake City, Utah; airway map no. 134. Scale 10 m.=1.3 in., scale 1: 500,000. Coast and Geodetic Survey, Washington, D. C., May, 1931. 28.3×10.2 in. [Advance sheet subject to correction.] † 35c., Coast and Geodetic Survey. C 23.10/1: 134/2

CENSUS BUREAU

Arkansas. 15th census of United States, 1930: Agriculture, Arkansas, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 49 p. il. 4° * Paper, 15c.
L. C. card 31–26211 C 3.37/12: Ar 4k

Colorado. 15th census of United States, 1930: Agriculture, Colorado, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 35 p. il. 4° * Paper, 10c. C 3.37/12: C 71

Cotton. May report of cotton consumed, on hand, imported, and exported, and active cotton spindles. June 13, 1931. oblong 32° [Preliminary report. This publication is issued in postal card form.] † C 3.21: 930–931/10

Cottonseed received, crushed, and on hand, and cottonseed products manufactured, shipped out, on hand, and exported for 10 months ending May 31, 1931 and 1930. June 12, 1931. oblong 32° [Exports of cottonseed products are for 9 months ending Apr. 30. Preliminary report. This publication is issued in postal card form.] † C 3.25: 930–931/10

Delaware. 15th census of United States, 1930: Agriculture, Delaware, statistics by counties, 3d series, type of farm. 1931. 9 p. il. 4° * Paper, 5c.
L. C. card 31–27053 C 3.37/14: D 37

Fats. Animal and vegetable fats and oils, production, consumption, imports, exports, and stocks by quarters, calendar years 1927–30. 1931. 27 p. [Prepared under supervision of Harvey J. Zimmerman, chief statistician.] * Paper, 5c.
L. C. card 22–26370 C 3.2: F 26/11

Feeble-minded and epileptics in State institutions, 1926 and 1927, statistics of admissions and discharges during the year, and of patients under care at beginning of year in State institutions for feeble-minded and epileptics. 1931. iii+62 p. [Prepared under supervision of Starke M. Grogan, chief statistician for statistics of States and cities, Lemuel A. Carruthers, expert chief of division, and Bennet Mead, statistician of Federal Bureau of Prisons. The text was prepared by Harriet M. Cheney.] * Paper, 15c.
L. C. card 31–27040 C 3.2: F 32/926, 927

Idaho. 15th census of United States, 1930: Agriculture, Idaho, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 29 p. il. 4° * Paper, 10c. C 3.37/12: Id 1

Illinois. 15th census of United States, 1930: Agriculture, Illinois, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 25 p. il. 4° * Paper, 10c.
L. C. card 31-26211 C 3.37/11: Il 6

Indiana. 15th census of United States, 1930: Agriculture, Indiana, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 18 p. il. 4° * Paper, 10c. C 3.37/11: In 2

—— 15th census of United States, 1930: Unemployment bulletin, Indiana, unemployment returns by classes. 1931. 31 p. †
L. C. card 31-26190 C 3.37/16: In 2

Iowa. 15th census of United States, 1930: Agriculture, Iowa, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 55 p. il. 4° * Paper, 15c. C 3.37/12: Io 9

Kentucky. 15th census of United States, 1930: Population bulletin, 2d series, Kentucky, composition and characteristics of population. 1931. 74 p. il. 4° * Paper, 20c.
L. C. card 31-26217 C 3.37/9: K 41

Louisiana. 15th census of United States, 1930: Agriculture, Louisiana, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 11 p. il. 4° * Paper, 5c. C 3.37/11: L 93

Michigan. 15th census of United States, 1930: Population bulletin, 2d series, Michigan, composition and characteristics of population. 1931. 74 p. il. 4° * Paper, 20c. C 3.37/9: M 58

Minnesota. 15th census of United States, 1930: Population bulletin, 2d series, Minnesota, composition and characteristics of population. 1931. 79 p. il. 4° * Paper, 20c. C 3.37/9: M 66

—— 15th census of United States, 1930: Unemployment bulletin, Minnesota, unemployment returns by classes. 1931. 20 p. † C 3.37/16: M 66

Montana. 15th census of United States, 1930: Agriculture, Montana, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 27 p. il. 4° * Paper, 10c. C 3.37/11: M 76

New Jersey. 15th census of United States, 1930: Agriculture, New Jersey, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 8 p. il. 4° * Paper, 5c. C 3.37/11: N 42j

New Mexico. 15th census of United States, 1930: Agriculture, New Mexico, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 22 p. il. 4° * Paper, 10c. C 3.37/12: N 42m

North Carolina. 15th census of United States, 1930: Population bulletin, 2d series, North Carolina, composition and characteristics of population. 1931. 74 p. il. 4° * Paper, 20c. C 3.37/9: N 81c

North Dakota. 15th census of United States, 1930: Agriculture, North Dakota, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 26 p. il. 4° * Paper, 10c. C 3.37/11: N 81d

—— 15th census of United States, 1930: Agriculture, North Dakota, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 31 p. il. 4° * Paper, 10c. C 3.37/12: N 81d

Oregon. 15th census of United States, 1930: Agriculture, Oregon, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 25 p. il. 4° * Paper 10c. C 3.37/12: Or 3

South Carolina. 15th census of United States, 1930: Agriculture, South Carolina, number of farms, farm acreage, and values of farm land and buildings, farm buildings, farmers' dwellings, and farm implements and machinery, by minor civil divisions. 1931. 11 p. il. 4° * Paper, 5c. C 3.37/11: So 8c

—— 15th census of United States, 1930: Agriculture, South Carolina, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 35 p. il. 4° * Paper, 10c. C 3.37/12: So 8c

—— 15th census of United States, 1930: Population bulletin, 2d series, South Carolina, composition and characteristics of population. 1931. 43 p. il. 4° * Paper, 15c. C 3.37/9: So 8c

South Dakota. 15th census of United States, 1930: Population bulletin, 2d series, South Dakota, composition and characteristics of population. 1931. 58 p. il. 4° * Paper, 15c. C 3.37/9: So 8d

Virginia. 15th census of United States, 1930: Agriculture, Virginia, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 76 p. il. 4° * Paper, 20c. C 3.37/12: V 81

—— 15th census of United States, 1930: Population bulletin, 2d series, Virginia, composition and characteristics of population. 1931. 69 p. il. 4° * Paper, 20c. C 3.37/9: V 81

Vital statistics. Physicians' pocket reference to international list of causes of death. 8th edition. 1931. 55 p. il. narrow 24° [Prepared under supervision of T. F. Murphy, chief statistician for vital statistics. Part of the pages are blank.] * Paper, 5c.
L. C. card 31-27122 C 3.2: P 56/8

Wisconsin. 15th census of United States, 1930: Unemployment bulletin, Wisconsin, unemployment returns by classes. 1931. 22 p. † C 3.37/16: W 75

Wyoming. 15th census of United States, 1930: Agriculture, Wyoming, statistics by counties, 1st series, farms, acreage, values, and selected livestock and crops. 1931. 17 p. il 4° * Paper, 10c. C 3.37/12: W 99

COAST AND GEODETIC SURVEY

NOTE.—The monthly Notice to mariners, formerly issued by the Coast and Geodetic Survey, has been consolidated with and made a part of the Notice to mariners issued by the Lighthouses Bureau, thus making it a joint publication. The charts, coast pilots, inside route pilots, tide tables, and current tables of the Coast and Geodetic Survey are sold at the office of the Survey in Washington, and also by one or more sales agents in each of the important American seaports.

Coast and Geodetic Survey bulletin, May 29, 1931; no. 192. [1931.] 9 p. [Monthly.] ‡
L. C. card 15-26512 C 4.20: 192

Coast pilots. Supplement to United States coast pilot, Atlantic Coast, section A, St. Croix River to Cape Cod, 2d (1927) edition. May 5, 1931. [1]+18 leaves. (Serial 520.) † C 4.6/1: A/2/supp. 931

Charts

Baltimore, Md. Approaches to Baltimore Harbor, Md., surveys to 1924, surveys by U. S. Engineers to 1930; chart 549. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 33.3×38.7 in. † 75c. C 4.9: 549

Boston Harbor, Mass., surveys 1892–1915, surveys by Mass. authorities to 1931, surveys by U. S. Engineers to 1930, surveys by U. S. Navy to 1930; chart 246. Scale 1:20,000. Washington, Coast and Geodetic Survey, Apr. 1931. 34.2×43.5 in. † 75c. C 4.9: 246

Charleston Harbor, S. C., surveys to 1929, surveys by U. S. Engineers to Jan. 1931, surveys by Navy, Geological Survey, and other sources; with inset, Entrance to Charleston Harbor; chart 470. Scale 1:20,000. Washington, Coast and Geodetic Survey, Apr. 1931. 42.4×33.5 in. † 75c. C 4.9: 470

Chesapeake Bay. Chesapeake Bay, Md., Cove Point to Sandy Point, surveys 1896–1908, with additions from older surveys and other sources, surveys by U. S. Engineers to 1929; chart 1225. Scale 1:20,000. Washington, Coast and Geodetic Survey, Mar. 1931. 37.6×34.8 in. † 75c. C 4.9: 1225

Chesapeake Bay—Continued.

—— Chesapeake Bay, northern part, Md. and Va., surveys to 1929, surveys by U. S. Engineers to 1930, and other sources; chart 77. [Scale 1:200,000.] Washington, Coast and Geodetic Survey, May, 1931. 34.5×32.1 in. † 75c. C 4.9:77

Columbia River. Columbia River, Oreg.-Wash., Crims Island to St. Helens, surveys to 1924, surveys by U. S. Engineers to Nov. 1930, and other sources; chart 6153. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 38.8×33 in. † 75c. C 4.9:6153

—— Columbia River, Oreg.-Wash., entrance to Harrington Point, surveys to 1926, surveys by U. S. Engineers to Jan. 1931; chart 6151. Scale 1:40,000. Washington, Coast and Geodetic Survey, Mar. 1931. 24.7×41.3 in. † 75c. C 4.9:6151

Delaware River, Philadelphia to Trenton, surveys by U. S. Engineers to 1930 and other sources; with inset, Trenton; chart 296. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 28×32.7 in. † 50c. C 4.9:296

Frederick Sound and Sumner Strait, s. e. Alaska, surveys to 1930 and other sources; chart 8200. Scale 1:200,000. Washington, Coast and Geodetic Survey, Apr. 1931. 41×33.2 in. † 75c. C 4.9:8200

Grays Harbor, Wash., surveys to 1927, surveys by U. S. Engineers to Jan. 1931, surveys by Port of Grays Harbor to 1929; with inset, Continuation of Chehalis River; chart 6195. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 24.5×38.6 in. † 50c. C 4.9:6195

Hawaii (island). Harbors and landings on northeast and southeast coasts of Hawaii, Hawaiian Islands; chart 4162. Washington, Coast and Geodetic Survey, Apr. 1931. 30.7×30.6 in. † 50c. C 4.9:4162

Honokaa landing, surveys to 1929.
Honuapo Harbor, surveys to 1929.
Kukuihaele landing, surveys to 1929.
Punaluu Harbor, surveys to 1929.

Hawaiian Islands, Oahu to Niihau, surveys to 1929 and other sources; chart 4117. [Scale 1:250,000.] Washington, Coast and Geodetic Survey, Mar. 1931. 31.6×43.1 in. † 75c. C 4.9:4117

Hudson River. Hudson River, N. Y., Coxsackie to Troy, surveys to 1863, surveys by U. S. Engineers to 1931, and other sources; chart 284. Scale 1:40,000. Washington, Coast and Geodetic Survey, May, 1931. 40.7×19.9 in. † 50c. C 4.9:284

—— Hudson River, N. Y., Haverstraw to Newburgh, surveys to 1905, surveys by U. S. Engineers to 1930; chart 282. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 41.9×19.8 in. † 50c. C 4.9:282

Judith, Point. Harbors of refuge at Point Judith and Block Island, R. I., Point Judith, surveys in 1913 and 1930, surveys by U. S. Engineers to 1919, Block Island, surveys to 1918, surveys by U. S. Engineers to 1930; chart 276. Scale 1:10,000. Washington, Coast and Geodetic Survey, Apr. 1931. 20.2×44.1 in. † 50c. C 4.9:276

Kruzof Island. South and west coasts of Kruzof Island, southeast Alaska, surveys to 1928; chart 8256. Scale 1:40,000. Washington, Coast and Geodetic Survey, Mar. 1931. 42.8×25.8 in. † 75c. C 4.9:8256

Long Island Sound. Long Island Sound, western part, Conn.-N. Y., surveys to 1930, surveys by U. S. Engineers to 1931, additional topography from other sources; chart 1213. Scale 1:80,000. Washington, Coast and Geodetic Survey, May, 1931. 30.4×40.4 in. † 75c. C 4.9:1213

—— North shore of Long Island Sound, Conn., Stratford to Sherwood Point, surveys to 1916, surveys by U. S. Engineers to 1930; chart 220. Scale 1:20,000. Washington, Coast and Geodetic Survey, May, 1931. 31.8×39.4 in. † 75c. C 4.9:220

Long Island Sound—Continued.

— North shore of Long Island Sound, Conn.-N. Y., Greenwich Point to New Rochelle, surveys to 1930, surveys by U. S. Engineers to 1930; with inset, Continuation of Coscob Harbor; chart 222. Scale 1:20,000. Washington, Coast and Geodetic Survey, May, 1931. 33.2×42.7 in. † 75c. C 4.9:222

Maine, Nash I. to Schoodic I., surveys 1870–1902, surveys by U. S. Engineers to 1895; chart 305. Scale 1:40,000. Washington, Coast and Geodetic Survey, Mar. 1931. 38.8×25.4 in. † 75c. C 4.9:305

New Jersey, Little Egg Inlet to Hereford Inlet, surveys 1843–1929, surveys by U. S. Engineers to 1930, surveys by N. J. authorities, photographs by Air Service, U. S. A., to 1920; with inset, Absecon Inlet; chart 1217. Scale 1:80,000. Washington, Coast and Geodetic Survey, Apr. 1931. 32.2×41 in. † 75c. C 4.9:1217

Philadelphia and Camden waterfronts, Pa.-N. J., surveys to 1925, surveys by U. S. Engineers to 1930, surveys by U. S. Navy to 1930, and other sources; chart 280. Scale 1:15,000. Washington, Coast and Geodetic Survey, Apr. 1931. 40.6×33.8 in. † 75c. C 4.9:280

Porto Rico and Virgin Islands, W. I., surveys to 1927 and other sources; chart 920. [Scale 1:325,000.] Washington, Coast and Geodetic Survey, Apr. 1931. 25.6×46.7 in. † 75c. C 4.9:920

St. Josephs Bay. St. Joseph's and St. Andrew's bays, Fla., Gulf Coast, surveys to 1930, surveys by U. S. Engineers to July, 1930; chart 184. Scale 1:80,000. Washington, Coast and Geodetic Survey, Mar. 1931. 33.1×41.2 in. † 75c. C 4.9:184

San Francisco Bay. San Francisco Bay, Calif., Candlestick Point to Angel Island, surveys to 1930, surveys by U. S. Engineers to 1930, and other sources; chart 5535. Scale 1:20,000. Washington, Coast and Geodetic Survey, May, 1931. 43.7×33.9 in. † 75c. C 4.9:5535

— San Francisco Bay entrance, Calif., surveys to 1927, surveys by U. S. Engineers to 1931, and other sources; chart 5532. Scale 1:40,000. Washington, Coast and Geodetic Survey, May, 1931. 33.6×41.4 in. † 75c. C 4.9:5532

Steamer Bay, southeast Alaska, surveys in 1886, additional topography in 1916, scale 1:20,000; Wrangell Harbor and Highfield Anchorage, surveys to 1928, scale 1:10,000; chart 8164. Washington, Coast and Geodetic Survey, Apr. 1931. 18×29.1 in. † 25c. C 4.9:8164

Suisun Bay, Calif., surveys to 1927, surveys by U. S. Engineers to 1930, and other sources; chart 5534. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 28.2×40.7 in. † 75c. C 4.9:5534

Willapa Bay, Wash., surveys to 1927, surveys by U. S. Engineers to Aug. 1930; with inset, Continuation of Willapa River; chart 6185. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 42.6×30.5 in. † 75c. C 4.9:6185

Winyah Bay, S. C., surveys to 1926, surveys by U. S. Engineers to 1930; with inset, Georgetown Harbor; chart 428. Scale 1:40,000. Washington, Coast and Geodetic Survey, Apr. 1931. 29.3×20.6 in. † 25c. C 4.9:428

Yaquina River and approaches, Oreg., surveys to 1928, surveys by U. S. Engineers to Sept. 1930; chart 6058. Scale 1:20,000. Washington, Coast and Geodetic Survey, Apr. 1931. 26.4×30.5 in. † 50c. C 4.9:6058

FISHERIES BUREAU

Chesapeake Bay. Sport fishing in Chesapeake Bay [with bibliography]; by John C. Pearson. June, 1931. 19 p. il. (Fishery circular 1.) * Paper, 5c. L. C. card F 31–17 C 6.13:1

Fish-culture. Review of fish-farming industries of United States [with bibliography]; by Clarence R. Lucas. June, 1931. 16 p. il. (Fishery circular 2.) * Paper, 5c.
L. C. card F 31-15 C 6.13:2

Fisheries service bulletin, June 1, 1931; no. 193. [1931.] 5 p. [Monthly.] ‡
L. C. card F 15-76 C 6.9:193

Fishery products. Fishery products landed at Seattle, Wash., by United States vessels, Apr. 1931. [1931.] 1 p. 4° (Statistical bulletin 935.) † C 6.5:935

—— Same, May, 1931. [1931.] 1 p. 4° (Statistical bulletin 938.) †
C 6.5:938

—— Landings by fishing vessels at principal New England ports, Apr. 1931, [with] summary and comparisons Apr. 1931 and 1930. [1931.] 3 leaves, 4° (Statistical bulletin 934.) † C 6.5:934

—— Same, May, 1931, [with] summary and comparisons May, 1931 and 1930. [1931.] 3 leaves, 4° (Statistical bulletin 937.) † C 6.5:937

Lake fisheries, 1929. [1931.] 5 leaves, 4° (Statistical bulletin 933.) †
C 6.5:933

Oysters. Market for fresh oysters in 14 cities of United States; by J. M. Lemon. June, 1931. 25 p. il. (Fishery circular 3.) * Paper, 10c.
L. C. card F 31-16 C 6.13:3

—— Temperature and shell movements of oysters [with list of literature cited]; by A. E. Hopkins. 1931. [1]+14 p. il. large 8° (Bulletin 1.) [From Bulletin, v. 47.] * Paper, 5c.
L. C. card F 31-18 C 6.3/2:1

FOREIGN AND DOMESTIC COMMERCE BUREAU

Appointments to positions [at home and abroad] in Bureau of Foreign and Domestic Commerce, supplementing issue of Oct. 1930. May, 1931. 1 p. narrow 12° † C 18.2: P 84/supp. 931

Automobiles. 1930 world production and export of automobiles; [by] C. F. Baldwin. [1931.] 6 p. il. 4° [From Commerce reports, May 25, 1931.] †
C 18.5/1a: Au 82/17

Business. Survey of current business, June, 1931; v. 11, no. 6. [1931.] cover-title, 56 p. il. 4° [Monthly. Contains weekly data through May 23, 1931, and monthly data through April, the date given above being the date of issue. Text on p. 2-4 of cover.] * Paper, 10c. single copy (annual supplement 25c.), $1.50 a yr. (including weekly supplement); foreign subscription, $2.50.
L. C. card 21-26819 C 18.35: 931/6

NOTE.—The issues of the Survey of current business covering the period from Aug. 1921 to May, 1931, and representing volume 1, no. 1, to volume 11, no. 5, omitted the volume number and were designated as nos. 1 to 117, respectively.

—— Same, weekly supplement, June 4-25, 1931. [1931.] Each 4 p. il. 4° [Included in price of monthly Survey of current business, which see above.]
C 18.36: 931/23-26

Chemical industry and trade of Portugal [based on reports from oversea representatives of Departments of State and Commerce; compiled by A. H. Swift]. 1931. ii + 13 p. (Trade information bulletin 760; [Chemical Division].) * Paper, 10c.
L. C. card 31-27134 C 18.25: 760

Commerce. Monthly summary of foreign commerce of United States, Apr. 1931. 1931. 2 pts. p. 1-80 and ii + 81-96 p. 4° * Paper, pt. 1, 10c. single copy, * pt. 2, 5c. single copy, $1.25 a yr.; foreign subscription, $1.85.
L. C. card 14-21465 C 18.7: 931/10-1, 10-2

—— Same. 1931. [2 pts. in 1], 96 p. 4° (H. doc. 572, 71st Cong. 3d sess.)

Commerce reports. Commerce reports, weekly survey of foreign trade, reports from representatives of Departments of Commerce and State in foreign countries and articles prepared in bureau at Washington, June 1–29, 1931; no. 22–26 [series 1931]. [1931.] cover-titles, p. 505–808, il. 4° [Text and illustration on p. 2–4 of covers.] * Paper, 10c. single copy, $4.00 a yr.; foreign subscription, $6.00. C 18.5/1 : 931/22–26

—— Same, nos. 1–13 [series 1931], v. 1, 34th year; Jan.–Mar. 1931 [title-page and index]. 1931. [2] + xxv p. 4° [Quarterly.] * Paper, 5c. single copy, 20c. a yr.; foreign subscription, 30c. C 18.5/1 : 931/1–13/t. p. & ind.

Farm implements and machinery. Yugoslav market for American farm equipment; [by Edward G. Eichelberger]. 1931. ii + 21 p. (Trade information bulletin 759.) * Paper, 10c.
L. C. card 31–27108 C 18.25 : 759

Hosiery. Latin American markets for American hosiery; [by Manuel Lazo, based largely on reports from representatives of Departments of State and Commerce]. 1931. ii + 34 p. (Trade information bulletin 758; [Textile Division].) * Paper, 10c.
L. C. card 31–27026 C 18.25 : 758

Lumber Division. Export services of Lumber Division. 1931. ii+12 p. narrow 12° [Includes lists of lumber publications of Foreign and Domestic Commerce Bureau and of National Committee on Wood Utilization.] †
C 18.2 : L 97/4/931

Motor roads in China [with list of sources]; by A. Viola Smith, in collaboration with Anselm Chuh. 1931. v + 132 p. il. map. (Trade promotion series 120.) * Paper, 30c.
L. C. card 31–27077 C 18.27 : 120

Poland. Sales districts in Poland; [by] Gilbert Redfern. [1931.] 3 p. il. 4° [From Commerce reports, June 6, 1931.] † C 18.5/1a : P 757

LIGHTHOUSES BUREAU

Lighthouse service bulletin, v. 4, no. 18; June 1, 1931. [1931.] p. 71–74. [Monthly.] †
L. C. card 12–35121 C 9.31 : 4/18

Notices to mariners. Notice to mariners, Great Lakes, weekly, no. 14–17, 1931; June 5–26 [1931]. Conover Press, Detroit [June 4–25, 1931]. various paging. † Supt. of Lighthouses, Detroit, Mich. C 9.41 : 931/14–17

—— Notice to mariners, weekly, no. 22–25, 1931; June 3–24 [1931]. 1931. various paging, map. [Issued jointly with Coast and Geodetic Survey.] †
L. C. card 7–20609 C 9.26 : 931/22–25

MINES BUREAU

Bauxite and aluminum in 1929; by C. E. Julihn. May 20, 1931. ii + 485–506 p. [From Mineral resources, 1929, pt. 1.] * Paper, 5c. C 22.8/a : B 329/929

Cement in 1929; by B. W. Bagley. June 11, 1931. ii+389–420 p. [From Mineral resources, 1929, pt. 2.] * Paper, 10c. C 22.8/a : C 332/929

Coal. Agglutinating, coking, and by-product tests of coals from Pierce County, Wash.; by S. M. Marshall and B. M. Bird. 1931. ii+31 p. il. (Bulletin 336.) [This report represents work done under a cooperative agreement with the University of Washington and the Pacific Coke & Coal Co.] * Paper, 10c.
L. C. card 31–27107 C 22.3 : 336

—— Relationship between oxidizability and composition of coal; by Wilfrid Francis and H. M. Morris. 1931. iii+44 p. il. (Bulletin 340.) [This report represents work done under a cooperative agreement with the Safety in Mines Research Board of Great Britain and the Carnegie Institute of Technology.] * Paper, 10c.
L. C. card 31–27113 C 22.3 : 340

Copper in 1929, general report; by C. E. Julihn and H. M. Meyer. June 3, 1931. ii+525-580 p. [From Mineral resources, 1929, pt. 1.] * Paper, 10c.
C 22.8/a : C 793/929

Gold, silver, copper, lead, and zinc in Utah in 1929, mine report; by C N. Gerry. June 12, 1931. ii+581-635 p. [From Mineral resources, 1929, pt. 1.] * Paper, 10c. C 22.8/a : G 563/11/929

Metallurgical plants. Accidents at metallurgical works in United States during calendar year 1929; by William W. Adams. 1931. iv+34 p. (Technical paper 503.) [Includes lists of Mines Bureau publications on accident statistics.] * Paper, 10c.
L. C. card 15-26600 C 22.5 : 503

Mica in 1929; by B. H. Stoddard. May 30, 1931. ii+373-388 p. [From Mineral resources, 1929, pt. 2.] * Paper, 5c. C 22.8/a : M 581/929

Petroleum refinery statistics, 1929; by G. R. Hopkins. 1931. iv+125 p. il. 4 pl. (Bulletin 339.) * Paper, 30c.
L. C. card 27-26552 C 22.3 : 339

Publications. New publications, Bureau of Mines, monthly list 193; May 29, 1931. [1931.] 3 p. † C 22.7/3 : 193

NAVIGATION BUREAU

Ships. American documented seagoing merchant vessels of 500 gross tons and over, June 1, 1931. 1931. ii+70 p. 4° (Serial 163.) [Monthly.] * Paper, 10c. single copy, 75c. a yr.; foreign subscription, $1.25.
L. C. card 19-26597 C 11.8 : 931/6

PATENT OFFICE

NOTE.—The Patent Office publishes Specifications and drawings of patents in single copies. These are not enumerated in this catalogue, but may be obtained for 10c. each at the Patent Office.

A variety of indexes, giving a complete view of the work of the Patent Office from 1790 to date, are published at prices ranging from 25c. to $10.00 per volume, and may be obtained from the Superintendent of Documents, Washington, D. C. The Rules of practice and pamphlets containing Patent laws, General information concerning patents, and General information about protection of trade marks, prints, and labels are furnished free of charge upon application to the Patent Office. The Patent Office issues coupon orders in packages of 20 at $2.00 per package, or in books containing 100 coupons at $10.00 per book. These coupons are good until used, but are only to be used for orders sent to the Patent Office. For schedule of office fees, address Chief Clerk, Patent Office, Washington, D. C.

Decisions. [Decisions in patent and trade-mark cases, etc.] June 2, 1931. p. 1-10, large 8° [From Official gazette, v. 407, no. 1.] * Paper, 5c. single copy, 50c. a yr.
L. C. card 23-7315 C 21.5/a2 : 407/1

—— Same. June 9, 1931. p. 293-302, large 8° [From Official gazette, v. 407, no. 2.] C 21.5/a2 : 407/2

—— Same. June 16, 1931. p. 575-584, large 8° [From Official gazette, v. 407, no. 3.] C 21.5/a2 : 407/3

—— Same. June 23, 1931. p. 859-868, large 8° [From Official gazette, v. 407, no. 4.] C 21.5/a2 : 407/4

—— Same. June 30, 1931. p. 1115-24, large 8° [From Official gazette, v. 407, no. 5.] C 21.5/a2 : 407/5

Hahn, Eugene. In Court of Customs and Patent Appeals, patent appeal no. 2888, *in re* Eugene Hahn, improvement in tank construction; brief for commissioner of patents. [1931.] cover-title, 6 p. 4° ‡ C 21.10 : H 124

Lothrop, Marcus T. In Court of Customs and Patent Appeals, patent appeal no. 2962, *in re* Marcus T. Lothrop, alloy steel; brief for commissioner of patents. [1931.] cover-title, 6 p. 4° ‡ C 21.10 : L 913

McKee Refrigerator Company. In Court of Customs and Patent Appeals, patent appeal no. 2908, *in re* McKee Refrigerator Co., trade-mark for refrigerators; brief for commissioner of patents. [1931.] cover-title, 5 p. 4° ‡
C 21.10 : M 194

Malcolm, Harry. In Court of Customs and Patent Appeals, patent appeal no. 2941, *in re* Harry Malcolm, music notation; brief for commissioner of patents. [1931.] cover-title, 12 p. 4° ‡ C 21.10 : M 292

Marshall, Lewis C. In Court of Customs and Patent Appeals, patent appeal no. 2943, *in re* Lewis C. Marshall, improvements in piston rings; brief for commissioner of patents. [1931.] cover-title, 10 p. 4° ‡ C 21.10 : M 356

Official gazette. Official gazette of Patent Office, containing patents, trade-marks, designs, and labels issued June 2–30, 1931; v. 407, no. 1–5. [1931.] cover-titles, 1374+[ccxviii] p. il. large 8° [Weekly.] * Paper, 25c. single copy, $10.00 a yr.; foreign subscription, $16.00.
L. C. card 4–18256 C 21.5 : 407/1–5

NOTE.—Contains the patents, trade-marks, designs, and labels issued each week, with indexes; also decisions of the commissioner of patents and of the United States courts in patent cases.
The annual index of patents will hereafter be published in 2 parts, one on Patents, price $1.00, and the other on Trade-marks, price 50c. These indexes are not included in the regular subscription price for the Official gazette given above, but will be sent to those yearly subscribers who remit $11.50; foreign subscription for the same, $17.50.

—— Same, weekly index, with title, Alphabetical list of registrants of trade-marks [etc., June 2, 1931.] [1931.] xlvi p. large 8° [From Official gazette, v. 407, no. 1.] † Paper, $1.00 a yr. C 21.5/a 4 : 407/1

—— Same [June 9, 1931]. [1931.] xlvi p. large 8° [From Official gazette, v. 407, no. 2.] C 21.5/a 4 : 407/2

—— Same [June 16, 1931]. [1931.] xlvi p. large 8° [From Official gazette, v. 407, no. 3.] C 21.5/a 4 : 407/3

—— Same [June 23, 1931]. [1931.] xl p. large 8° [From Official gazette, v. 407, no. 4.] C 21.5/a 4 : 407/4

—— Same [June 30, 1931]. [1931.] xl p. large 8° [From Official gazette, v. 407, no. 5.] C 21.5/a 4 : 407/5

Patents. Classification of patents issued June 2–30, 1931. [1931.] Each 2 p. large 8° [Weekly. From Official gazette, v. 407, no. 1–5.] †
C 21.5/a 1 : 407/1–5

—— [Manual of classification of patents, 1929, substitute pages containing corrections.] [1931.] p. 23–24, oblong 24° [Issued in loose-leaf form for insertion in Manual. Included in price of Manual, for which see the Monthly catalogue for Aug. 1929, p. 74.]
L. C. card PO 24–21 C 21.12 : 929/p. 23, 24

Stubbs, Robert C. In Court of Customs and Patent Appeals, patent appeal no. 2955, *in re* Robert C. Stubbs, cut-surface concrete, etc.; brief for commissioner of patents. [1931.] cover-title, 7 p. 4° ‡ C 21.10 : St 93/2

Trade-marks. Trade-marks [etc., from] Official gazette, June 2, 1931. [1931.] 11–50+xi p. il. large 8° [From Official gazette, v. 407, no. 1.] * Paper, 10c. single copy, $2.50 a yr. C 21.5/a3 : 407/1

—— Same, June 9, 1931. [1931.] 303–341+xiv p. il. large 8° [From Official gazette, v. 407, no. 2.] C 21.5/a3 : 407/2

—— Same, June 16, 1931. [1931.] 585–625+xi p. il. large 8° [From Official gazette, v. 407, no. 3.] C 21.5/a3 : 407/3

—— Same, June 23, 1931. [1931.] 869–908+x p. il. large 8° [From Official gazette, v. 407, no. 4.] C 21.5/a3 : 407/4

—— Same, June 30, 1931. [1931.] 1125–54+vii p. il. large 8° [From Official gazette, v. 407, no. 5.] C 21.5/a3 : 407/5

PUBLICATIONS DIVISION

Commerce Department. Supplement to annual List of publications [of Department of Commerce available for distribution], May 29, 1931. [1931.] 5 p. [Monthly.] † C 16.6 : 931/5

RADIO DIVISION

Radio service bulletin, May 29, 1931; no. 170. [1931.] 24 p. [Monthly.] * Paper, 5c. single copy, 25c. a yr.; foreign subscription, 40c.
L. C. card 15-26255 C 24.3: 170

STANDARDS BUREAU

Boric acid buffers. Stabilization of boric acid buffers by aeration; by Edna H. Fawcett [and] S. F. Acree. [1931.] cover-title, p. 757-763, il. (Research paper 302.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 5c. C 13.22/a: 302

Commercial standards monthly, review of progress in commercial standardization and simplification, v. 7, no. 12; June, 1931. [1931.] cover-title, p. 363-394, il. 4° * Paper, 10c. single copy, $1.00 a yr.; foreign subscription, $1.25.
L. C. card 20-26685 C 13.21: 7/12

Difructose anhydrides. Two new crystalline difructose anhydrides from hydrolyzed inulin; by Richard F. Jackson [and] Emma McDonald. [1931.] cover-title, p. 709-715, 2 p. of pl. (Research paper 299.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 5c. C 13.22/a: 299

Fibers. Measurement of fiber diameters by diffraction method; by H. J. McNicholas [and] H. J. Curtis. [1931.] cover-title, p. 717-734, il. 1 pl. (Research paper 300.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a: 300

Glass. Variations caused in heating curves of glass by heat treatment; by A. Q. Tool [and] C. G. Eichlin. [1931.] cover-title, p. 523-552, il. (Research paper 292.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a: 292

Ice cream brick molds and cartons. May 16, 1931. xi+14 p. il. (Simplified practice recommendation R120-31.) [Title on cover is: Ice cream brick molds and cartons, elimination of waste through simplified commercial practice. Recommendation became effective Jan. 1, 1931.] * Paper, 5c. C 13.12/1: 120

Journal of research. Bureau of Standards journal of research, June, 1931; v. 6, no. 6. 1931. [2]+917-1158+[1] p. il. 7 pl. 8 p. of pl. [Monthly.] * Paper, 40c. (single numbers vary in price), $2.75 a yr.; foreign subscription, $3.50.
L. C. card 31-27079—27093 C 13.22: 6/6

CONTENTS.—RP314, Method for determining change in transference number of salt with change in concentration, modification of moving boundary method; by Edgar Reynolds Smith.—RP315, Carpet wear testing machine; by H. F. Schiefer and A. S. Best.—RP316, Lateral chromatic aberration of apochromatic microscope systems; by I. C. Gardner and F. A. Case.—RP317, Phase equilibria in system Cr_2O_3–Al_2O_3; by E. N. Bunting.—RP318, Measurements of extreme ultra-violet solar radiation using filter method [with list of references]; by W. W. Coblentz and R. Stair.—RP319, Influence of chemical composition and heat treatment of steel forgings on machinability with shallow lathe cuts; by T. G. Digges.—RP320, Index of refraction of some soda-lime silica glasses as function of composition; by C. A. Faick and A. N. Finn.—RP321, Volume changes in brick masonry materials; by L. A. Palmer.—RP322, Arc spectrum of rhenium; by William F. Meggers.—RP323, Purification and analysis of alkali cyanides [with bibliography]; by M. R. Thompson.—RP324, Multiple manometer and piston gages for precision measurements [with list of references to papers on subject of differential manometers and piston gages]; by C. H. Meyers and R. S. Jessup.—RP325, Waidner-Burgess standard of light; by H. T. Wensel, Wm. F. Roeser, L. E. Barbrow, and F. R. Caldwell.—RP326, Freezing point of platinum; by Wm. F. Roeser, F. R. Caldwell, and H. T. Wensel.—RP327, Special refractories for use at high temperature; by Wm. H. Swanger and Frank R. Caldwell.—RP328, Oxidation of sugars: 1, Electrolytic oxidation of aldose sugars in presence of bromide and calcium carbonate; by Horace S. Isbell and Harriet L. Frush.—Index to v. 6.

Laundry winter damage; by John B. Wilkie. [1931.] cover-title, p. 593-602, il. 4 p. of pl. (Research paper 294.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a: 294

Light. Waidner-Burgess standard of light: by H. T. Wensel, Wm. F. Roeser, L. E. Barbrow, [and] F. R. Caldwell. [1931.] cover-title, p. 1103-17, il. 1 pl. (Research paper 325.) [From Bureau of Standards journal of research, v. 6, June, 1931.] * Paper, 5c. C 13.22/a: 325

Paper. Determination of alpha cellulose content and copper number of paper; by John O. Burton [and] Royal H. Rasch. [1931.] cover-title, p. 603–619, 6 p. of pl. (Research paper 295.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a : 295

Pipe line currents and soil resistivity as indicators of local corrosive soil areas; by E. R. Shepard. [1931.] cover-title, p. 683–708, il. 2 pl. 2 p. of pl. (Research paper 298.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 15c. C 13.22/a : 298

Radiation from metals bombarded by low-speed electrons; by F. L. Mohler [and] C. Boeckner. [1931.] cover-title, p. 673–681, il. (Research paper 297.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 5c. C 13.22/a : 297

Technical news bulletin of Bureau of Standards, June, 1931; no. 170. [1931.] p. 57–71. [Monthly.] * Paper, 5c. single copy, 25c. a yr.; foreign subscription, 40c.
L. C. card 25–26527 C 13.13 : 170

Towels. Fast-selvage terry towels (Turkish towels). May 13, 1931. vi+12 p. il. (Simplified practice recommendation R119-31.) [Title on cover is: Fast-selvage terry towels (Turkish towels), elimination of waste through simplified commercial practice. Recommendation became effective Mar. 1, 1931.] * Paper, 5c. C 13.12/1 : 119

U *bars.* On vibration of U bars; by G. H. Keulegan. [1931.] cover-title, p. 553–592, il. (Research paper 293.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a : 293

Wind pressure on model of mill building; by Hugh L. Dryden [and] George C. Hill. [1931.] cover-title, p. 735–755, il. 1 pl. (Research paper 301.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 10c. C 13.22/a : 301

X-ray protection [safety recommendations; prepared by Advisory Committee on X-Ray and Radium Protection]. May 16, 1931. iii+26 p. 3 p. of pl. 12° (Handbook 15.) * Paper, 10c.
L. C. card 31–27074 C 13.11 : 15

Zirconium. Structure of arc spectrum of zirconium; by C. C. Kiess [and] Harriet K. Kiess. [1931.] cover-title, p. 621–672, il. (Research paper 296.) [From Bureau of Standards journal of research, v. 6, Apr. 1931.] * Paper, 15c. C 13.22/a : 296

STEAMBOAT INSPECTION SERVICE

Steamboat Inspection Service bulletin. Steamboat Inspection Service bulletin, Apr. 1, 1931; no. 186. [1931.] 3 p. [Monthly.] ‡
L. C. card 15–26679 C 15.10 : 186

—— Same, June 1, 1931; no. 188. [1931.] 3 p. [Monthly.] ‡ C 15.10 : 188

Steamboats. Bays, sounds, and lakes other than Great Lakes, general rules and regulations prescribed by board of supervising inspectors, as amended Jan. 1931. Edition, Mar. 2, 1931. 1931. ix+236 p. il. [Includes Amendments made by the executive committee through Dec. 22, 1930, and published in the 47th supplement to General rules and regulations.] †
L. C. card 31–27078 C 15.9/1 : 931–C

—— Great Lakes, general rules and regulations prescribed by board of supervising inspectors, as amended Jan. 1931. Edition, Mar. 2, 1931. 1931. ix+239 p. il. [Includes Amendments made by the executive committee through Dec. 22, 1930, and published in the 47th supplement to General rules and regulations.] †
L. C. card 31–27037 C 15.9/1 : 931–B

—— Rivers, general rules and regulations prescribed by board of supervising inspectors, as amended Jan. 1931. Edition, Mar. 2, 1931. 1931. ix+232 p. il. [Includes Amendments made by the executive committee through Dec. 22, 1930, and published in the 47th supplement to General rules and regulations.] †
L. C. card 31–27123 C 15.9/1 : 931–D

CONGRESS

Congressional record, index to proceedings and debates of 3d session, 71st Congress, v. 74, pt. 8, Dec. 1, 1930–Mar. 4, 1931. [Permanent edition.] 1931. 464 p. 4° [This is an index to v. 74, pts. 1–7, and includes History of bills and resolutions.] * Cloth, pts. 1–4, each $2.25; * pts. 5–7, each $2.00; * pt. 8, $1.60.
L. C. card 12–36438 X 685 : 71/3

NOTE.—In this permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break. The bound volumes of the Record are sold by the Superintendent of Documents. Prices will be furnished on application for the proceedings and debates of the 71st Congress, 1st and 2d sessions, and prior Congresses. Send remittances for the bound volumes to the Superintendent of Documents, Washington, D. C. Stamps and foreign money will not be accepted.

GEORGE WASHINGTON BICENTENNIAL COMMISSION

See Washington, George, Commission for Celebration of 200th Anniversary of Birth of, p. 1041

HOUSE OF REPRESENTATIVES

American Legion. Proceedings of 12th national convention of American Legion, Boston, Mass., Oct. 6–9, 1930. 1931. x+361 p. 1 pl. (H. doc. 576, 71st Cong. 3d sess.) * Paper, 20c.

Journal of House of Representatives, 71st Congress, 3d session. 1931. 734 p. 4° ‡ Serial no. 9322

NOTE.—The serial number 9322 has been assigned to this volume. The supply of the Senate and House journals for libraries is limited by law to 144 copies of each, to be distributed to 3 libraries in each State and Territory.

United Spanish War Veterans. Proceedings of stated convention of 32d national encampment, United Spanish War Veterans, Philadelphia, Pa., Aug. 17–20, 1930. 1931. v+297 p. 2 por. 10 p. of por. (H. doc. 575, 71st Cong. 3d sess.) * Paper, 35c.

PRINTING JOINT COMMITTEE

Calendar of requests presented to committee for consideration and action thereon, Mar. 3, 1931; no. 7, 71st Congress. [1931.] 48 p. 4° [Nos. 1–6 were issued only in proof form for use of committee.] ‡ Y 4.P 93/1 : 5/71–7

SENATE

Ocean mail contracts, Senate, digest of statements and comments in Congressional record, 3d session, 71st Congress, relative to ocean mail contracts under title 4 of merchant marine act, 1928, and to Senate document 210, Truth about postal contracts; presented by Mr. McKellar. 1931. ix+68 p. (S. doc. 326, 71st Cong. 3d sess.) * Paper, 10c.
L. C. card 31–27097

APPROPRIATIONS COMMITTEE, SENATE

Appropriations, budget estimates, etc., statements for 71st Congress, 3d session (Dec. 1, 1930–Mar. 4, 1931), showing appropriations made [etc.]; prepared by Kennedy F. Rea and Marcellus C. Sheild. 1931. 681 p. large 8° (S. doc. 334, 71st Cong. 3d sess.) [Prepared by clerks to Committees on Appropriations of Senate and House.] * Paper, $1.10.

SENATORIAL CAMPAIGN EXPENDITURES SELECT COMMITTEE, SENATE

Campaign funds. Senatorial campaign expenditures, 1930, hearings, 71st Congress, 2d session [and 3d session], pursuant to S. Res. 215, authorizing appointment of special committee to make investigation into campaign expenditures of candidates for Senate: Delaware, Oct. 10, 1930, Jan. 30, 1931. 1930 [1931]. iii+125 p. * Paper, 15c. Y 4.Se 5/2 : D 37

Campaign funds—Continued.

—— Senatorial campaign expenditures, 1930, hearings, 72d Congress, pursuant to S. Res. 215, 71st Congress, authorizing appointment of special committee to make investigation into campaign expenditures of candidates for Senate: testimony on remedial legislation, May 4–7, 1931. 1931. pt. 1, iii+1–106 p. * Paper, 10c. Y 4. Se 5/2: Ex 7/pt. 1

WILD LIFE RESOURCES, SPECIAL COMMITTEE ON, SENATE

Whales, hearing, 72d Congress, 1st session, on conservation of whales and other marine mammals, Mar. 20, 1931. 1931. iii+29 p. * Paper, 5c. Y 4.W 64: W 55

WASHINGTON, GEORGE, COMMISSION FOR CELEBRATION OF 200TH ANNIVERSARY OF BIRTH OF

Washington, George. George Washington, an inspiration to American youth, address by U. S. Grant 3d, associate director, George Washington Bicentennial Commission, before National Educational Association, Columbus, Ohio, July 2, 1930. [1931.] 7 p. il. †
L. C. card 31–27124 Y 3.W 27/2: 2 W 27

—— Suggestions and outline of George Washington appreciation course for normal schools and colleges for 200th anniversary celebration of birth of George Washington. 1931. 32 p. il. †
L. C. card 31–27073 Y 3.W 27/2: 2 Ap 6

—— United States Government George Washington Bicentennial Commission clip sheet, no. 2. Washington, D. C. [no publisher, 1931]. 1 p. il. large 4° [Submitted to editors of newspapers with request for their cooperation in making 200th anniversary of birth of George Washington in 1932 greatest event of its kind ever held in America.] † Y 3.W 27/2: 7/2

—— Same, no. 3. Washington, D. C. [no publisher, 1931]. 1 p. il. large 4° [Submitted to editors of newspapers with request for their cooperation in making 200th anniversary of birth of George Washington in 1932 greatest event of its kind ever held in America.] † Y 3.W 27/2: 7/3

—— Same, no. 9. Washington, D. C. [no publisher, 1931]. 1 p. il. large 4° [Submitted to editors of newspapers with request that they use this material freely to make 200th anniversary of birth of George Washington in 1932 greatest event of its kind ever held in America.] † Y 3.W 27/2: 7/9

—— Same, Navy special. Washington, D. C. [no publisher, 1931]. 1 p. il. large 4° [Issued by commission as special Navy bulletin for purpose of stimulating interest in celebration next year.] † Y 3.W 27/2: 2 N 22

COURT OF CLAIMS

American Bridge Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. H–364, 18 p. ‡ Ju 3.9/a: Am 35/8

Ashland Iron & Mining Company and John Russell, liquidating agent and trustee, *v.* United States; report of commissioner. [1931.] no. J–391, p. 27–37. ‡ Ju 3.8: As 35/2

Beadle. Elias R. Beadle *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] [no.] K–362, 4 p. ‡ Ju 3.9/a: B 358

Bedford Mills, Inc., v. United States; evidence for plaintiff and defendant. [1931.] no. K–92, p. 147–190. ‡ Ju 3.8: B 39

Bowring & Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] [no.] H–14, 6 p. ‡ Ju 3.9/a: B 686

Bryant & Detwiler Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-389, 6 p. ‡ Ju 3.9/a : B 841

Butler Lumber Company, Inc., v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-547, 13 p. ‡ Ju 3.9/a : B 978/2

Caudle. Frederick L. Caudle *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. L-112, 3 p. ‡ Ju 3.9/a : C 31

Chicago & Eastern Illinois Railway Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. F-368, 12 p. ‡ Ju 3.9/a : C 432/8

Christensen Machine Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-370, 9 p. ‡ Ju 3.9/a : C 462

Crawford Manufacturing Company, Incorporated, v. United States; special findings of fact [conclusion of law, and memorandum], decided June 1, 1931. [1931.] no. H-494, 3 p. ‡ Ju 3.9/a : C 859

Crossett, Lewis A., Company. Lewis A. Crossett Company *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-580, 7 p. ‡ Ju 3.9/a : C 884

Fletcher, W. & A., Company. John M. Enright and Andrew Fletcher, jr., as receivers of W. & A. Fletcher Company, *v.* United States; report of commissioner and auditor. [1931.] no. E-612, p. 457-460. ‡ Ju 3.8 : F 638/6

Fourchy. Andre Fourchy *v.* United States; report of commissioner. [1931.] no. J-81, p. 11-12. ‡ Ju 3.8 : F 825

Franco-American Construction Company, Inc., v. United States; evidence for defendant. [1931.] no. F-124, p. 93-110. ‡ Ju 3.8 : F 848/2

Fraser. Alexander Fraser *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] [no.] L-5, 4 p. ‡ Ju 3.9/a : F 862

Gibbs. Tucker C. Gibbs *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. H-544, 4 p. ‡ Ju 3.9/a : G 355

Gillespie. James M. Gillespie *v.* United States; special findings of fact [conclusion of law, and memorandum], decided June 1, 1931. [1931.] no. F-307, 2 p. ‡ Ju 3.9/a : G 412/2

Griffin. Francis Wharton Griffin *v.* United States; report of commissioner. [1931.] no. K-528, p. 5-6. ‡ Ju 3.8 : G 875/4

Hardy. William A. Hardy *v.* United States; report of commissioner. [1931.] no. L-361, p. 5-7. ‡ Ju 3.8 : H 222/2

Hetfield. William B. Hetfield *v.* United States; special findings of fact [conclusion of law, and memorandum], decided June 1, 1931. [1931.] no. K-138, 4 p. ‡ Ju 3.9/a : H 47

Hills. Jessie Norwell Hills, as executrix of Alfred K. Hills, *v.* United States, on demurrer; [opinion of court] decided June 1, 1931. [1931.] no. L-153, 7 p. ‡ Ju 3.9/a : H 559

Huske. Bartholomew F. Huske *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. L-72, 4 p. ‡ Ju 3.9/a : H 958

International Harvester Company of America v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] [no.] K-53, 9 p. ‡ Ju 3.9/a : In 8/6

Mileau. Alexander Mileau *v.* United States; special findings of fact [and conclusion of law], decided June 1, 1931. [1931.] no. J-33, 4 p. ‡ Ju 3.9/a : M 592

Mills Novelty Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-599, 8 p. ‡ Ju 3.9/a : M 629

Moore Shipbuilding Company v. United States; [special findings of fact, conclusion of law, and opinion of court] decided June 1, 1931. [1931.] no. K-72, 6 p. ‡ Ju 3.9/a : M 787

Myers. Henry J. Myers, executor of Nathaniel Myers, *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. K-308, 11 p. ‡ Ju 3.9/a : M 992/2

National Surety Company v. United States, on demurrer; [opinion of court] decided June 1, 1931. [1931.] [no.] L-252, 4 p. ‡ Ju 3.9/a : N 213/4

New York Lubricating Oil Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. H-63, 4 p. ‡ Ju 3.9/a : N 42y

Palmer. Swayne Edward Palmer *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-548, 4 p. ‡ Ju 3.9/a : P 182/2

Pearsall. Gilbert H. Pearsall *v.* United States; report of commissioner. [1931.] no. J-35, p. 77-78. ‡ Ju 3.8 : P 316/2

Pope. Allen Pope *vs.* United States; evidence for plaintiff and defendant. [1931.] no. K-366, p. 103-296. ‡ Ju 3.8 : P 81/8

Ratliff. George W. Ratliff, jr., *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. D-355, 3 p. ‡ Ju 3.9/a : R 189/2

Shewan, James, & Sons, Incorporated. James Shewan & Sons, Inc., *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. E-331, 55 p. ‡ Ju 3.9/a : Sh 59

Smith. Bernard Smith *v.* United States; evidence for plaintiff. [1931.] no. K-250, p. 29-38. ‡ Ju 3.8 : Sm 52/2

Southern Pacific Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. D-550, 13 p. ‡ Ju 3.9/a : So 88/3

Southern Shipyard Corporation v. United States; [evidence for claimant and defendant]. [1931.] no. J-606, p. 49-173. ‡ Ju 3.8 : So 8/76

Standard Oil Company of New Jersey v. United States; report of commissioner. [1931.] no. K-100, p. 19-22. ‡ Ju 3.8 : St 24/19

United Cigar Stores Company of America v. United States, on demurrer; [opinion of court] decided June 1, 1931. [1931.] no. F-102, 5 p. ‡ Ju 3.9/a : Un 3/4

Weissbaum, G., & Co. Gustave Weissbaum, trading as G. Weissbaum & Co., *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-150, 13 p. ‡ Ju 3.9/a : W 436

White. James L. White *v.* United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. L-12, 7 p. ‡ Ju 3.9/a : W 584

Whittall, M. J., Associates, Limited. M. J. Whittall Associates, Ltd., *v.* United States; special findings of fact [conclusion of law, and memorandum], decided June 1, 1931. [1931.] no. K-166, 2 p. ‡ Ju 3.9/a : W 617

Winecoff. Clarence L. Winecoff *v.* United States; special findings of fact [and conclusion of law], decided June 1, 1931. [1931.] no. L-213, 3 p. ‡ Ju 3.9/a : W 725

Women's University Club [of City of New York] v. United States; special findings of fact [conclusion of law, and memorandum], decided June 1, 1931. [1931.] no. L-224, 6 p. ‡ Ju 3.9/a : W 842

How to order publications—See information following Contents

66101—31—No. 438——5

Wright and Graham Company v. United States, on demurrer; [opinion of court] decided June 1, 1931. [1931.] no. J-615, 2 p. ‡ Ju 3.9/a : W 937

Yankee Export & Trading Company v. United States; special findings of fact [conclusion of law, and opinion of court], decided June 1, 1931. [1931.] no. J-38, 12 p. ‡ Ju 3.9/a : Y 16

COURT OF CUSTOMS AND PATENT APPEALS

Buckles. Customs appeals nos. 3443 and 3444, United States *v.* Rice Stix Dry Goods Co.; [same] *v.* C. F. Welek & Co., transcript of record on appeal from Customs Court. [1931.] cover-title, ii+32 p. ‡ Ju 7.6 : R 369/3

Towels. Customs appeal no. 3440, United States *v.* Madeira Linen Importing Co., transcript of record on appeal from Customs Court. [1931.] cover-title, i+51 p. ‡ Ju 7.6 : M 264

CUSTOMS COURT

Reappraisements of merchandise by Customs Court [on Mar. 16–June 9, 1931]; Apr. 16–June 11, 1931. [1931.] 1823–94+[iv] p. (No. 103–107.) [Weekly; none issued Apr. 2, 9, 23, May 7, 21, or June 4, 1931.] * Paper, 5c. single copy, 75c. a yr.; foreign subscription, $1.30.
L. C. card 13-2916 Ju 9.4 : 103–107

DISTRICT OF COLUMBIA

Court of Appeals. Transcript of record, Jan. term, 1931, no. 5379, United States *vs.* Wessal Stewart, appeal from Supreme Court of District of Columbia. [1931.] cover-title, ii+148 p. il. ‡ DC 9.5 : St 49/2

—— Transcript of record, Apr. term, 1931, no. 5395, Ray Lyman Wilbur, Secretary of Interior, *vs.* Burley Irrigation District, a corporation, appeal from Supreme Court of District of Columbia. [1931.] cover-title, i+1–138b+139–176 p. il. ‡ DC 9.5 : B 924

FEDERAL BOARD FOR VOCATIONAL EDUCATION

Agriculture. Training objectives in vocational education in agriculture, with suggestions as to ways and means of attaining these objectives, report of national committee of American Vocational Association. May, 1931. v+31 p. (Bulletin 153; Agricultural series 39.) * Paper, 5c.
L. C. card E 31-430 VE 1.3 : 153

Coal-mine gases, technical information for use in vocational training classes [with references for further study]. Revised edition. 1931. xi+41 p. 3 pl. (Bulletin 39; Trade and industrial series 9.) [Revised in cooperation with Mines Bureau. Includes lists of publications of Federal Board for Vocational Education relating to trade and industrial education.] * Paper, 10c.
L. C. card E 31-433 VE 1.3 : 39/2

Vocational education. Challenge to America's undeveloped resources, speech by E. T. Franks, vice chairman, Federal Board for Vocational Education, in National radio forum, arranged by Washington Star and broadcast over coast-to-coast network of Columbia Broadcasting System, Mar. 21, 1931. [1931.] 11 p. narrow 8° † VE 1.2 : R31

FEDERAL FARM BOARD

Cooperative marketing associations. Financial structure of cooperatives, address, American Institute of Cooperation, Kansas State Agricultural College, Manhattan, Kans., June 11, 1931; [by] Stanley Reed, general counsel, Federal Farm Board. June, 1931. 16 p. (Circular 4.) † FF 1.4 : 4

FEDERAL RESERVE BOARD

Federal reserve bulletin, June, 1931; [v. 17, no. 6]. 1931. iv+301–352 p. il. 4° [Monthly.] † Paper, 20c., single copy, $2.00 a yr.; foreign subscription, $2.60.
L. C. card 15–26318 FR 1.3/1 : 17/6

NOTE.—The bulletin contains, in addition to the regular official announcements, the national review of business conditions, detailed analyses of business conditions, research studies, reviews of foreign banking, and complete statistics showing the condition of Federal reserve banks and member banks. It will be sent to all member banks without charge. Others desiring copies may obtain them from the Federal Reserve Board, Washington, D. C., at the prices stated above.

Federal reserve member banks. Federal reserve inter-district collection system, changes in list of banks upon which items will be received by Federal reserve banks for collection and credit, June 1, 1931. 1931. 16 p. 4° †
L. C. card 16–26870 FR 1.9 : 931/6

—— Member bank call report 51, condition of all member banks [of Federal reserve system], Mar. 25, 1931. 1931. ii+22 p. il. 4° † FR 1.11 : 51

FEDERAL TRADE COMMISSION

NOTE.—The bound volumes of the Federal Trade Commission decisions are sold by the Superintendent of Documents, Washington, D. C. Separate opinions are sold on subscription, price $1.00 per volume; foreign subscription, $1.50; single copies, 5c.

Artloom Rug Mills. In matter of Artloom Corporation trading as Artloom Rug Mills, complaint (synopsis) [report] findings, and order; docket 1675, complaint, June 29, 1929, decision, Feb. 9, 1931. [1931.] p. 383–393. ([Decision] 786.) [From F. T. C. decisions, v. 14.] * Paper, 5c.
FT 1.11/a 2 : 786

Black, Frank W., & Co. In matter of Frank W. Black, Walter Howton, and Max Leonhart, individually and as partners doing business under firm names of Frank W. Black & Co. and Griffitts Engraving Co., complaint (synopsis) [report] findings, and order; docket 1697, complaint, Oct. 1, 1929, decision, Feb. 10, 1931. 1931. [1]+394–399 p. ([Decision] 787.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a 2 : 787

California Preserving Company, Incorporated. In matter of California Preserving Co., Incorporated, complaint (synopsis) [report] findings, and order; docket 1726, complaint, Dec. 2, 1929, decision, Jan. 27, 1931. 1931. [1]+372–376 p. ([Decision] 784.) [From F. T. C. decisions, v. 14.] * Paper, 5c.
FT 1.11/a 2 : 784

Curtiss Candy Company. In matter of Curtiss Candy Company, complaint (synopsis) [report] findings, and order; docket 1699, complaint, Oct. 2, 1929, decision, Feb. 10, 1931. 1931. [1]+400–404 p. ([Decision] 788.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a 2 : 788

Decisions. Federal Trade Commission decisions, findings, orders, and stipulations, June 12, 1929–May 4, 1930; [edited by Richard S. Ely]. 1930. v. 13, xi+652 p. il. * Cloth, $2.25.
L. C. card 20–26411 FT 1.11 : 13

Flynn & Emrich Company. No. 3142, in circuit court of appeals for 4th circuit, Flynn & Emrich Company *v.* Federal Trade Commission; brief of respondent, Federal Trade Commission. [1931.] cover-title, ii+32 p. ‡ FT 1.5 : F 679

Golden Fur Dyeing Company, Incorporated. In matter of Golden Fur Dyeing Company, Incorporated, and Samuel Jacobs and Isidor Sachs, partners doing business under trade name and style Jacobs & Sachs, complaint (synopsis) [report] findings, and order; docket 1381, complaint, May 11, 1926, decision, Jan. 29, 1931. [1931.] p. 377–382. ([Decision] 785.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a2 : 785

La Lasine International, Incorporated. In matter of La Lasine International, Incorporated, complaint (synopsis) [report] findings, and order; docket 1845, complaint, June 16, 1930, decision, Jan. 13, 1931. [1931.] p. 353–360. ([Decision] 781.) [From F. T. C. decisions, v. 14.] * Paper, 5c.
FT 1.11/a2 : 781

Liederman, Earle E. In matter of Earle E. Liederman, complaint (synopsis) [report] findings, and order; docket 1771, complaint, Mar. 10, 1930, decision, Feb. 10, 1931. 1931. [1]+410–415 p. ([Decision] 790.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a2: 790

Millers' National Federation. Federal Trade Commission *v.* Millers' National Federation and Sims Milling Company; Court of Appeals of District of Columbia, argued Dec. 1, 1930, decided Feb. 2, 1931, no. 5276 [opinion of court]. [1931.] 4 p. (F. T. C. [court decision] 116.) * Paper, 5c. FT 1.11/a3: M 619/3

Milo Bar Bell Company. In matter of D. G. Redmond, doing business under trade name of Milo Bar Bell Company, complaint (synopsis) [report] findings, and order; docket 1714, complaint, Oct. 28, 1929, decision, Feb. 10, 1931. [1931.] p. 405–409. ([Decision] 789.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a2: 789

Morrissey, Charles T., & Co. Federal Trade Commission *v.* Charles T. Morrissey, doing business under trade names and styles of Charles T. Morrissey & Company and Charles Orangeade Company; circuit court of appeals, 7th circuit, Feb. 27, 1931, no. 4364 [opinion of court]. [1931.] 3 p. (F. T. C. court decision] 117.) * Paper, 5c. FT 1.11/a3: M 834

Ohio Leather Company v. Federal Trade Commission; circuit court of appeals, 6th circuit, Nov. 12, 1930, no. 5393 [opinion of court]. [1931.] 9 p. (F. T. C. [court decision] 113.) * Paper, 5c. FT 1.11/a3: Oh 3

Singer, Philip A., & Bro., Incorporated. In matter of Philip A. Singer & Bro., Incorporated, and Herman Gelberg and Benjamin Schwartz, partners trading under name and style of Gelberg & Schwartz, complaint (synopsis) [report] findings, and order; docket 1384, complaint, May 12, 1926, decision, Jan. 27, 1931. 1931. [1]+366–371 p. ([Decision] 783.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a2: 783

Vandeweghe, Adiel. In matter of Adiel Vandeweghe and David Feshback, complaint (synopsis) [report] findings, and order; docket 1383, complaint, May 12, 1926, decision, Jan. 27, 1931. [1931.] p. 361–365. ([Decision] 782.) [From F. T. C. decisions, v. 14.] * Paper, 5c. FT 1.11/a2: 782

GENERAL ACCOUNTING OFFICE

Decisions of comptroller general, v. 10, May, 1931; J. R. McCarl, comptroller general, R. N. Elliott, assistant comptroller general. 1931. [1]+501–531 p. [Monthly.] †
L. C. card 21–26777 GA 1.5/a: 10/11

GEOGRAPHIC BOARD

Decisions of Geographic Board, no. 8, decisions rendered June 3, 1931: Grand Teton National Park, Wyo. 1931. ii+5 p. †
L. C. card 10–26561 GB 1.5/2: 8

GOVERNMENT PRINTING OFFICE

Paper. Blank paper and envelopes, stock catalogue and price list of Government Printing Office, Washington, D. C., June 1, 1931. 1931. [3]+24 p. 4° ‡ GP 1.2: P 19/11/931

Technical Conference of Printing Industry. Proceedings and papers of 2d Technical Conference of Printing Industry held in Harding Hall, Government Printing Office, Mar. 16–17, 1931, sponsored by printing industries division of American Society of Mechanical Engineers, with Government Printing Office and United Typothetæ of America as joint hosts. 1931. vi+93 p. il. 4° † GP 1.2: T 22/3

DOCUMENTS OFFICE

Handy books, list of publications for sale by superintendent of documents. May, 1931. iii+16 p. (Price list 73, 8th edition.) †
L. C. card 26-27401 GP 3.9: 73/8

Monthly catalogue, United States public documents (with prices), no. 437; May, 1931. 1931. v+943-1015 p. * Paper, 10c. single copy, 75c. a yr.; foreign subscription, $1.15.
L. C. card 4-18088 GP 3.8/1: 931/11

Navy, Marine Corps, and Coast Guard, list of publications relating to above subjects for sale by superintendent of documents. May, 1931. ii+18 p. (Price list 63, 14th edition.) †
L. C. card 26-26207 GP 3.9: 63/14

Pacific States: California, Oregon, Washington, list of publications relating to above States for sale by superintendent of documents. May, 1931. ii+18 p. (Price list 69, 15th edition.) †
L. C. card 25-27430 GP 3.9: 69/15

Weekly list of selected United States Government publications, June 3-24, 1931. [1931.] Each 4 p. †
L. C. card 28-26554 GP 3.17: 931/22-25

NOTE.—The Weekly list is an advertising list of United States Government publications for sale by the Superintendent of Documents. Some of the publications for free distribution are also listed. The list is arranged alphabetically by subjects, with annotations and prices. It may be obtained free of charge upon application to the Superintendent of Documents, Government Printing Office, Washington, D. C.

INTERIOR DEPARTMENT

NOTE.—The decisions of the Department of the Interior in pension cases are issued in slips and in signatures, and the decisions in land cases are issued in signatures, both being published later in bound volumes. Subscribers may deposit $1.00 with the Superintendent of Documents and receive the contents of a volume of the decisions of either kind in separate parts as they are issued; foreign subscription, $1.25. Prices for bound volumes furnished upon application to the Superintendent of Documents, Washington, D. C.

Public lands. Decisions of Department of Interior [in cases relating to public lands], v. 53, [signatures] 1-6. [1931.] p. 1-96. [For price, see note above under center head.] I 21.5/a: 53/1-6

—— Public land statutes of United States, compilation of general and permanent statutes of practical importance relating to public lands down to close of 2d session of 71st Congress, with parallel citations to United States Code and an index; compiled by Daniel M. Greene. 1931. v+855 p. * Cloth, $1.50.
L. C. card 31-27038 I 21.7: 931

Stuart, Wilbur F. No. 5376, special calendar, in Court of Appeals of District of Columbia, Jan. term, 1931, Ray Lyman Wilbur, as Secretary of Interior, *v.* United States on relation of Wilbur F. Stuart; brief of appellant. [1931.] cover-title, ii+34 p. ‡ I 1.55: St 93

EDUCATION OFFICE

Adult education. Biennial survey of education in United States, 1928-30: chapter 12, Adult education; by L. R. Alderman and Ellen C. Lombard. 1931. [1]+38 p. (Bulletin 20, 1931.) [Advance pages from v. 1 of Biennial survey.] * Paper, 10c.
L. C. card E 29-208 I 16.3: 931/20/chap. 12

Atypical children. Biennial survey of education in United States, 1928-30: chapter 11, Education of exceptional children [with bibliography]; by Elise H. Martens. 1931. [1]+38 p. il. 3 pl. (Bulletin 20, 1931.) [Advance pages from v. 1 of Biennial survey.] * Paper, 10c.
L. C. card E 31-437 I 16.3: 931/20/chap. 11

Colleges and universities. Biennial survey of education in United States, 1928-30: chapter 13, College and university education; by Walton C. John. 1931. [1]+44 p. (Bulletin 20, 1931.) [Advance pages from v. 1 of Biennial survey.] * Paper, 10c.
L. C. card E 31-438 I 16.3: 931/20/chap. 13

Education. Record of current educational publications, Jan. 1-Mar. 31, 1931; [compiled by Martha R. McCabe]. 1931. v+105 p. (Bulletin 9, 1931.) [Quarterly.] * Paper, 15c.
L. C. card E 12-227 I 16.3: 931/9

Educational directory, 1931. 1931. iii+171 p. (Bulletin 1, 1931.) * Paper, 35c.
L. C. card E 13-213 I 16.3: 931/1

Law. Careers: Law [with bibliography; by Walter J. Greenleaf]. 1931. ii+14 p. il. (Leaflet 5.) * Paper, 5c.
L. C. card E 31-429 I 16.44: 5

Libraries. Statistics of public, society, and school libraries, 1929; prepared in Statistical Division with cooperation of Library Division. 1931. iii+365 p. (Bulletin 37, 1930.) [Last of the 1930 Office of Education Bulletins.] * Paper, 50c.
L. C. card E 9-1080 I 16.3: 930/37

School life. School life, v. 16, no. 8; Apr. 1931. [1931.] cover-title, p. 141-160, il. 4° [Monthly except July and August. Text and illustrations on p. 2-4 of cover.] * Paper, 5c. single copy, 50c. a yr. (10 months); foreign subscription, 75c.; for 50 copies or more sent in bulk to one address, 35c. a yr. each.
L. C. card E 18-902 I 16.26/1: 16/8

—— Same, v. 16, no. 10; June, 1931. [1931.] cover-title, p. 181-200, il. 4° [Monthly except July and August. Text and illustrations on p. 2-4 of cover.] I 16.26/1: 16/10

Work. Office of Education, its duties, its history, its publications. 1931. ii+14 p. il. 24° †
L. C. card E 31-442 I 16.2: Ed 8/14

GEOLOGICAL SURVEY

NOTE.—The publications of the United States Geological Survey consist of Annual reports, Monographs, Professional papers, Bulletins, Water-supply papers, topographic maps (some of which bear descriptive texts), base and contour and other maps of the United States and of the States, folios of the Geologic atlas of the United States, and the World atlas of commercial geology. Practically all of them are sale publications; the exceptions are indicated by the dagger (†). The maps and folios and the World atlas of commercial geology are sold by the Geological Survey at Washington, D. C. A discount of 40 per cent is allowed on any order for maps or folios that amounts to $5.00 at the retail price. This discount applies to an order for either maps or folios alone or for maps and folios together. Remittance for these publications should be made by money order payable to the Director of the Geological Survey, Washington, D. C. Orders for other publications that are for sale should be sent to the Superintendent of Documents, Washington, D. C. For topographic maps see below and next page.

Coal. Wasatch Plateau coal field, Utah; by Edmund M. Spieker. 1931. vi+210 p. il. 24 pl. 13 are in pocket, 6 p. of pl. 3 maps in pocket. (Bulletin 819.) *Paper, $1.30.
L. C. card GS 31-108 **I 19.3: 819**

—— Same. (H. doc. 115, 71st Cong. 1st sess.)

Kaolin minerals, by Clarence S. Ross and Paul F. Kerr; [with title-page, contents, and index to Professional paper 165]. 1931. [1]+151-180+iv p. il. 5 p. of pl. 4° (Professional paper 165 E.) * Paper, 15c. I 19.16: 165-E

Publications issued in May, 1931; list 279. [1931.] 2 p. [Monthly.] †
I 19.14/4: 279

Topographic maps

NOTE.—The Geological Survey is making a series of topographic maps that will eventually cover the whole United States, also Alaska and Hawaii. The individual maps are projected to represent quadrangle areas rather than political divisions, and each map is designated by the name of some prominent town or natural feature in

the area mapped. The scales most commonly used are 1:31,680, 1:62,500, and 1:125,000, corresponding, approximately, to ½ mile, 1 mile, and 2 miles to 1 inch. The area covered differs with the latitude, but the average area is 58, 230, or 920 square miles, respectively, for these three scales. Topographic maps are printed on uniform-sized paper, about 20 by 16½ inches, and the maps of the quadrangle areas represented thereon are about 17½ inches long and 12 to 15 inches wide, according to latitude. For some areas of particular importance special large-scale maps are published. A general description of topographic maps and a list of the symbols used are printed on the reverse of each sheet.

More than two-fifths of the area of the country, excluding Alaska, has been mapped, every State being represented. Connecticut, Delaware, the District of Columbia, Maryland, Massachusetts, New Jersey, New York, Ohio, Rhode Island, and West Virginia are completely mapped. Maps of the regular size are sold by the Geological Survey at 10c. each, but a discount of 40 per cent is allowed on any order which amounts to $5.00 at the retail price. The discount is allowed on an order for either maps or folios alone, or for maps and folios together.

Delaware. Delaware-Maryland, Wyoming quadrangle, lat. 39°–39° 15′, long. 75° 30′–75° 45′. Scale 1:62,500, contour interval 10 ft. [Washington, Geological Survey] edition of 1931. 17.5×14 in. † 10c. I 19.12:7 W 994

—— Delaware-New Jersey, Smyrna quadrangle, lat. 39° 15′–39° 30′, long. 75° 30′–75° 45′. Scale 1:62,500, contour interval 10 ft. [Washington, Geological Survey] edition of 1931. 17.6×15 in. † 10c. I 19.12:7 Sm 95

Maine, Winterville quadrangle, lat. 46° 45′–47°, long. 68° 30′–68° 45′. Scale 1:62,500, contour interval 20 ft. [Washington, Geological Survey] edition of 1931. 17.6×12.1 in. † 10c. I 19.12:19 W 736

New Jersey-Delaware, Bay Side quadrangle, lat. 39° 15′–39° 30′, long. 75° 15′–75° 30′. Scale 1:62,500, contour interval 10 ft. [Washington, Geological Survey] edition of 1931. 17.5×13.6 in. † 10c. I 19.12:30 B 34/2

Texas, Santo quadrangle, lat. 32° 30′–32° 45′, long. 98°–98° 15′. Scale 1:62,500, contour interval 20 ft. [Washington, Geological Survey] edition of 1931. 17.5×14.8 in. [Map covers only a portion of the sheet, the actual measurement being 8.7×7.4 in. Santo not in portion given on map.] † 10c. I 19.12:43 Sa 59

NATIONAL PARK SERVICE

Crater Lake National Park. Circular of general information regarding Crater Lake National Park, Oreg., open early spring to late fall [with list of literature]. 1931. cover-title, ii+26 p. il. map. [Other illustrations on p. 2–4 of of cover.] †
L. C. card 29–23225 I 29.6:C 85/2/931

Grand Canyon National Park. Circular of general information regarding Grand Canyon National Park, Ariz., open all year [with list of literature]. 1931. cover-title, iv+73 p. il. map. [Other illustrations on p. 2–4 of cover.] †
L. C. card 29–22796 I 29.6:G 76/931

Mount Rainier National Park. Circular of general information regarding Mount Rainier National Park, Wash., open all year [with list of literature]. 1931. cover-title, ii+46 p. il. map. [Other illustrations on p. 2–4 of cover.] †
L. C. card 29–22790 I 29.6:M 86/6/931

RECLAMATION BUREAU

Boulder Canyon irrigation project. Street, alley, parking area, and sidewalk grading, street paving, street and parking area surfacing, curbs and gutters, sidewalks, sanitary sewers, and water distribution system, Boulder City, Nev., Boulder Canyon project, Ariz.–Calif.–Nev. [1931.] cover-title, ii+35 p. 1 pl. 4 maps, 4° (Specifications 521.) [Consists of specifications, schedule, and drawings for irrigation project, proposals to be received until June 30, 1931.] † Paper, 60c. I 27.8:521

Cle Elum Dam, Yakima project. Wash. [1931.] cover-title, ii+42 p. 26 pl. 3 maps, 4° (Specifications 522.) [Consists of specifications, schedules, and drawings for irrigation project, proposals to be received until July 10, 1931.] † Paper, $1.75. I 27.8:522

New reclamation era, v. 22, no. 6; June, 1931. [1931.] cover-title, p. 117–140, il. 4° [Monthly. Text and illustrations on p. 2–4 of cover.]
L. C. card 9–35252 I 27.5: 931/6

NOTE.—The New reclamation era is a magazine for the farmers and the personnel of the bureau. Its aim is to assist the settlers in the proper use of water, to help them in overcoming their agricultural difficulties, to instruct them in diversifying and marketing their crops, to inspire the employees of the bureau and chronicle engineering problems and achievements, and to promote a wholehearted spirit of cooperation, so that reclamation shall attain the greatest heights of success. The subscription price of the New reclamation era is 75c. a year, foreign subscription, $1.00, payable in advance. Subscriptions should be sent to the Chief Clerk, Bureau of Reclamation, Washington, D. C., and remittance in the form of postal money order or New York draft should be made payable to the Bureau of Reclamation. Postage stamps are not acceptable in payment of subscription.

Reclamation projects visited by Appropriations Committee, House of Representatives, 2d trip, 1931. [1931.] cover-title, 24 p. il. 4° [Another illustration on p. 2 of cover.] † I 27.2: P 94/7

INTERSTATE COMMERCE COMMISSION

NOTE.—The bound volumes of the decisions, usually known as Interstate Commerce Commission reports and Interstate Commerce Commission valuation reports, are sold by the Superintendent of Documents, Washington, D. C., at various prices, depending upon the size of the volume. Separate decisions or opinions are sold on subscription price, $1.00 per volume; foreign subscription, $1.50; single copies, usually 5c. In ordering a volume, be sure to specify whether Finance, Traffic, or Valuation decisions are desired. Entries for the separate decisions are grouped below under center heads following other Interstate Commerce Commission publications.

Decisions. Decisions of Interstate Commerce Commission, July-Sept. 1930. 1931. xxxvi+957 p. (Interstate Commerce Commission reports, v. 167.) [Contains also decisions of June 6, 28, and 30, 1930.] * Cloth, $2.25.
L. C. card 8–30656 IC 1.6/1: 167

—— Decisions of Interstate Commerce Commission [valuation reports], Nov. 1929–July, 1930. 1931. viii+1032 p. il. 2 maps. (Interstate Commerce Commission reports, v. 30, valuation reports.) * Cloth, $2.25.
L. C. card 30–26125 IC 1 val. 9: 30

—— See also, below, center heads beginning *Decisions.*

Finance decisions. See, below, center head *Decisions* (*Finance*).

Fuel for locomotives (charged to operating expenses), class 1 steam railways in United States, compiled from 148 reports representing 157 steam railways, switching and terminal companies not included, Apr. 1931 and 1930 [and] 4 months ended with Apr. 1931 and 1930; [prepared in] Bureau of Statistics. Apr. 1931. 1 p. oblong large 8° (Statement M–230.) [Subject to revision.] † IC 1 ste. 30: 931/4

Glue. In Court of Appeals of District of Columbia (American glue case) no. 5389, United States ex rel. Delaware and Hudson Railroad Corporation *v.* Interstate Commerce Commission; (North Carolina hosiery case) no. 5388, [same] *v.* [same]; brief for Interstate Commerce Commission. [1931.] cover-title, iii+58 p. ‡ IC 1.13/1: D 376/6

Opinions. See, above, *Decisions*—below, center heads beginning *Decisions.*

Railroad accidents. Summary of accident investigation reports, no. 47, Jan.–Mar. 1931; [prepared in] Bureau of Safety. 1931. iii+34 p. [Quarterly.] * Paper, 5c. single copy, 15c. a yr.; foreign subscription, 25c.
L. C. card A 20–942 IC 1 acci. 7: 47

—— Summary of accidents reported by steam railways, Mar. 1931 [and 3 months ending with Mar. 1931, with quarterly summaries by roads and States. Jan.–Mar. 1931; prepared in] Bureau of Statistics. Mar. 1931. 8 p. oblong large 8° (Statement M–400.) [Subject to revision.] †
L. C. card A 27–80 IC 1 ste. 31: 931/3

Railroad employees. Wage statistics, class 1 steam railways in United States [including 16 switching and terminal companies] Mar. 1931; [prepared in] Bureau of Statistics. 1931. 4 p. il. oblong large 8° (Statement M–300.) †
L. C. card A 29–382 IC 1 ste. 25: 931/3

Railroads. Freight and passenger service operating statistics of class 1 steam railways in United States, compiled from 148 reports of freight service statistics representing 157 railways and from 145 reports of passenger service statistics representing 154 railways (switching and terminal companies not included), Apr. 1931 and 1930 [and 4 months ended with Apr. 1931 and 1930; prepared in] Bureau of Statistics. Apr. 1931. [2] p. oblong large 8° (Statement M-210.) [Subject to revision.] †
L. C. card A 29-379 IC 1 ste. 21 : 931/4

—— Graphical supplement to monthly reports: Miles of track operated, all steam railways, 1890-1929 [etc.; prepared in] Bureau of Statistics. 1930 [published 1931]. 1 p. il. oblong large 8° (Series 1931, no. 2.) †
IC 1 ste. 33 : 931/2

—— Same: Revenues, expenses, taxes and income of class 1 steam railways, 1921-30 [etc.; prepared in] Bureau of Statistics. 1931. 1 p il. oblong large 8° (Series 1931, no. 1.) † IC 1 ste. 33 : 931/1

—— Same: Tons of freight originated on class 1 steam railways in United States by classes of commodities, 1930 compared with 1929 (1929=100) [etc.; prepared in] Bureau of Statistics. 1931. 1 p. il. oblong large 8° (Series 1931, no. 3.) † IC 1 ste. 33 : 931/3

—— Operating revenues and operating expenses of class 1 steam railways in United States, compiled from monthly reports of revenues and expenses for 170 steam railways, including 16 switching and terminal companies, Apr. 1931 and 1930 [and 4 months ended with Apr. 1931 and 1930; prepared in] Bureau of Statistics. Apr. 1931. [2] p. il. oblong large 8° (Statement M-100.) [Subject to revision.] †
L. C. card A 28-2266 IC 1 ste. 19 : 931/4

—— Operating revenues and operating expenses of large steam railways, selected items for roads with annual operating revenues above $25,000,000, Apr. 1931 and 1930 [and] 4 months ended with Apr. 1931 and 1930; [prepared in] Bureau of Statistics. Apr. 1931. [2] p. oblong large 8° (Statement M-150.) [Subject to revision.] †
L. C. card A 29-380 IC 1 ste. 20 : 931/4

—— Operating statistics of large steam railways, selected items for Apr 1931, compared with Apr. 1930, for roads with annual operating revenues above $25,000,000; [prepared in] Bureau of Statistics. Apr. 1931. [2] p. oblong large 8° (Statement M-200.) [Subject to revision.] †
L. C. card A 29-378 IC 1 ste. 22 : 931/4

—— Revenue traffic statistics of class 1 steam railways in United States, including mixed-train service, compiled from 149 reports representing 158 steam railways, switching and terminal companies not included, Mar. 1931 and 1930 [and] 3 months ended with Mar. 1931 and 1930; [prepared in] Bureau of Statistics. Mar. 1931. 1 p. oblong large 8° (Statement M-220.) [Subject to revision.] †
L. C. card A 29-381 IC 1 ste. 24 : 931/3

Traffic decisions. See, above, *Decisions* v. 167—below, center head *Decisions* (*Traffic*).

Valuation decisions. See, above, *Decisions*, v. 30.

Decisions (*Finance*)

NOTE.—The following decisions or opinions issued in separate form are from the Interstate Commerce Commission reports.

Alabama, Tennessee and Northern Railroad. Finance docket no. 8764, Alabama, Tennessee & Northern Railroad Corporation bonds; decided May 7, 1931. [1931.] p. 737-740. (F-4499.) [From v. 170.] * Paper, 5c.
IC 1.6/1a : F-4499

Atlantic Coast Line Railroad. Finance docket no. 8700, Atlantic Coast Line Railroad Company abandonment; [decided May 9, 1931]. 1931. [1]+756-758 p. (F-4505) [From v. 170.] * Paper, 5c. IC 1.6/1a : F-4505

Big Sandy and Cumberland Railroad. Finance docket no. 8756, Big Sandy & Cumberland Railroad Company abandonment; decided May 22, 1931. [1931.] p. 7–9. (F–4518.) [From v. 175.] * Paper, 5c. IC 1.6/1a : F–4518

Boston Valley Telephone Company. Finance docket no. 8787, Boston Valley Telephone Company acquisition; [decided May 12, 1931]. 1931. [1]+766–768 p. (F–4508.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4508

Chicago and Alton Railroad. Finance docket no. 8806, Chicago & Alton Railroad Company receivers' notes; decided May 15, 1931. [1931.] p. 783–786. (F–4512.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4512

Chicago, Harvard and Geneva Lake Railway. Finance docket no. 8391, Chicago, Harvard & Geneva Lake Railway Company abandonment; decided May 7, 1931. [1931.] p. 721–724. (F–4494.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4494

Chicago, Milwaukee, St. Paul and Pacific Railroad. Finance docket no. 8460, Chicago, Milwaukee, St. Paul & Pacific Railroad Company abandonment; [decided Apr. 30, 1931]. 1931. [1]+706–711 p. (F–4490.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4490

Clinton-Oklahoma-Western Railroad of Texas. Finance docket no. 8704, Clinton-Oklahoma-Western Railroad Company of Texas securities; decided May 8, 1931. [1931.] p. 727–730. (F–4496.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4496

Colorado and Southern Railway. Finance docket no. 8748, Colorado & Southern Railway Company abandonment; [decided May 9, 1931]. 1931. [1]+734–736 p. (F–4498.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4498

—— Finance docket no. 8749, Colorado & Southern Railway Company abandonment; decided May 8, 1931. [1931.] p. 741–743. (F–4500.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4500

Erie and Michigan Railway and Navigation Company. Finance docket no. 7890, Erie & Michigan Railway & Navigation Company operation; decided Apr. 23, 1931. [1931.] p. 699–700. (F–4487.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4487

Gulf, Colorado and Santa Fe Railway. Finance docket no. 8772, Gulf, Colorado & Santa Fe Railway Company securities; decided May 13, 1931. [1931.] p. 763–765. (F–4507.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4507

Illinois Central Railroad. Finance docket no. 8814, Illinois Central Railroad Company notes; [decided May 22, 1931]. 1931. [1]+10–12 p. (F–4519.) [From v. 175.] * Paper, 5c. IC 1.6/1a : F–4519

Kanawha and Michigan Railway. Finance docket no. 8648, Kanawha & Michigan Railway Company acquisition; decided May 11, 1931. [1931.] p. 753–755. (F–4504.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4504

Minneapolis and St. Louis Railroad. Finance docket no. 8794, Minneapolis & St. Louis Railroad Company receiver's notes; decided May 12, 1931. [1931.] p. 769–771. (F–4509.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4509

—— Finance docket no. 8800, Minneapolis & St. Louis Railroad Company receiver's certificates; [decided May 12, 1931]. 1931. [1]+772–774 p. (F–4510.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4510

North Texas and Santa Fe Railway. Finance docket no. 8701, North Texas & Santa Fe Railway Company bond; [decided Apr. 20, 1931]. 1931. [1]+696–698 p. (F–4486.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4486

Ontonagon Railroad. Finance docket no. 8719, Ontonagon Railroad Company abandonment; decided May 7, 1931. [1931.] p. 731–733. (F–4497.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4497

Oregon Electric Railway. Finance docket no. 8752, Oregon Electric Railway Company abandonment; [decided May 19, 1931]. 1931. [1]+4–6 p. (F–4517.) [From v. 175.] * Paper, 5c. IC 1.6/1a : F–4517

Panhandle and Santa Fe Railway. Finance docket no. 8717, Panhandle & Santa Fe Railway Company operation; [decided May 7, 1931]. 1931. [1]+718–720 p. (F–4493.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4493

Pecos and Northern Texas Railway. Finance docket no. 8699, Pecos & Northern Texas Railway Company securities; decided May 11, 1931. [1931.] p. 759–762. (F–4506.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4506

Reading Company. Finance docket no. 8766, Reading Company construction; [decided May 8, 1931]. 1931. [1]+746–748 p. (F–4502.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4502

Sabine Basin Railway. Finance docket no. 8069, Sabine Basin Railway Company proposed acquisition and construction; decided Apr. 17, 1931. [1931.] p. 653–676. (F–4483.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4483

St. Louis Southwestern Railway. Finance docket no. 8636, St. Louis Southwestern Railway Company securities; [decided Apr. 27, 1931]. 1931. [1]+704–705 p. (F–4489.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4489

—— Finance docket no. 8640, St. Louis Southwestern Railway Company bonds; decided Apr. 27, 1931. [1931.] p. 701–703. (F–4488.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4488

Seaboard Air Line Railway. Finance docket no. 8777, Seaboard Air Line Railway Company receivers' certificates; decided May 5, 1931. [1931.] p. 749–752. (F–4503.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4503

Smoky Mountain Railroad. Finance docket no. 5957, Smoky Mountain Railroad control; [decided May 4, 1931]. 1931. [1]+716–717 p. (F–4492.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4492

Toledo and Ohio Central Railway. Finance docket no. 8646, Toledo & Ohio Central Railway Company acquisition; decided May 8, 1931. [1931.] p. 725–726. (F–4495.) [From v. 170.] * Paper, 5c. IC 1.6/1a : F–4495

Western New York and Pennsylvania Railway. Finance docket no. 8753, Western New York & Pennsylvania Railway Company acquisition; decided May 20, 1931. [1931.] p. 1–3. (F–4516.) [From v. 175.] * Paper, 5c. IC 1.6/1a : F–4516

Zanesville and Western Railway. Finance docket no. 8647, Zanesville & Western Railway Company et al. abandonment; decided May 7, 1931. [1931.] p. 743–745. (F–4501.) [From v. 170.] * Paper, 5c. IC 1.6/a : F–4501

Decisions (Traffic)

NOTE.—The following decisions or opinions issued in separate form are from the Interstate Commerce Commission reports.
See also subhead *Decisions* on p. 1050, v. 167.

Asphalt. No. 23064, Gibbons & Reed Company *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 29, 1931. [1931.] p. 315–320. ([Opinion] 16811.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16811

—— No. 23278, R. B. Tyler Company, Incorporated, *v.* Louisiana Southern Railway Company et al.; decided Apr. 21, 1931. [1931.] p. 765–769. ([Opinion] 16747.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16747

Benzol. No. 23490, Standard Oil Company of Louisiana *v.* Florida East Coast Railway Company et al.; [decided Apr. 20, 1931]. 1931. [1]+762–764 p. ([Opinion] 16746.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16746

Boxes. No. 22975, E. I. du Pont de Nemours & Company *v.* Chicago, St. Paul, Minneapolis & Omaha Railway Company et al.; decided Apr. 30, 1931. [1931.] p. 311–312. ([Opinion] 16809.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16809

Brass. No. 23927, Nassau Smelting & Refining Works, Limited, *v.* Rutland Railroad Company et al.; decided May 7, 1931. [1931.] p. 401–402. ([Opinion] 16828.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16828

Bricks. No. 19955, West Virginia Brick Company et al. *v.* Hocking Valley Railway Company et al.; decided Apr. 20, 1931. [1931.] p. 743–749. ([Opinion] 16743.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16743

Bricks—Continued.

—— No. 21585, Ohio-Kentucky Associated Industries *v.* Aberdeen & Rockfish Railroad Company et al.; decided Apr. 23, 1931. [1931.] 63–68+ii p. ([Opinion] 16764.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16764

—— No. 23452, Murphysboro Paving Brick Company *v.* Georgia Southern & Florida Railway Company et al.; decided Apr. 25, 1931. [1931.] p. 175–177. ([Opinion] 16782.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16782

—— No. 23890, Columbus Brick & Tile Company *v.* Central of Georgia Railway Company et al.; decided Apr. 27, 1931. [1931.] p. 191–192. ([Opinion] 16788.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16788

Broom-corn. No. 20418, Spikes Brothers et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; [decided Apr. 21, 1931.] 1931. [1]+4–8 p. ([Opinion] 16752.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16752

Butter. No. 22850, Swift & Company *v.* Alabama & Vicksburg Railway Company et al.; decided Apr. 22, 1931. [1931.] 125–132+ii p. ([Opinion] 16774.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16774

—— No. 22899, Armour & Company *v.* Missouri Pacific Railroad Company et al.; decided May 14, 1931. [1931.] p. 455–458. ([Opinion] 16840.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16840

Cattle. No. 21513, Bodine & Clark Livestock Commission Company *v.* Great Northern Railway Company; decided May 4, 1931. [1931.] p. 363–367. ([Opinion] 16821.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16821

—— No. 21972, Frank B. Bowker et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 28, 1931. [1931.] p. 243–250. ([Opinion] 16797.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16797

—— No. 23454, W. C. Kenyon & Sons et al. *v.* Chicago & North Western Railway Company et al.; decided May 2, 1931. [1931.] p. 341–342. ([Opinion] 16815.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16815

—— No. 23602, W. H. Hodges & Company, Incorporated, *v.* Chicago, Milwaukee, St. Paul & Pacific Railroad Company et al.; [decided Apr. 25, 1931]. 1931. [1]+178–180 p. ([Opinion] 16783.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16783

Cement. Fourth section application no. 13425, cement in trunk-line territory; [decided Apr. 27, 1931]. 1931. [1]+224–230+ii p. ([Opinion] 16794.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16794

—— No. 22691, Dewey Portland Cement Company et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 21, 1931. [1931.] p. 87–110. ([Opinion] 16770.) [From v. 174.] * Paper, 5c. IC 1.6/1 a : 16770

Coal. No. 20329, Board of Railroad Commissioners of South Dakota *v.* Chicago, Burlington & Quincy Railroad Company et al.; decided Apr. 21, 1931. [1931.] 773–794+ii p. ([Opinion] 16749.) [From v. 173.] * Paper, 5c. IC 1.6/1 a : 16749

—— No. 21172, Brannon Coal Company et al. *v.* Southern Railway Company et al.; decided Apr. 27, 1931. [1931.] p. 189–190. ([Opinion] 16787.) [From v. 174.] * Paper, 5c. IC 1.6/1 a : 16787

—— No. 22953, Southern Coal Company *v.* Illinois Central Railroad Company et al.; [decided Apr. 29, 1931]. 1931. [1]+290–294 p. ([Opinion] 16804.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16804

—— No. 23141, Southern Cotton Oil Company *v.* Chicago, Rock Island & Pacific Railway Company et al.; decided May 9, 1931. [1931.] 417–421+[1] p. ([Opinion] 16833.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16833

Corn. No. 23586, Georgia Southern Freight Bureau *v.* Atlantic Coast Line Railroad Company et al.; decided May 14, 1931. [1931.] p. 475–476. ([Opinion] 16842.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16842

Cotton. No. 17000, rate structure investigation, pt. 3, cotton; decided Apr. 21, 1931. [1931.] 9–18+iv p. ([Opinion] 16753.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16753

Cotton-gin saws. No. 23708, Continental Gin Company *v.* Beaumont, Sour Lake & Western Railroad Company et al.; [decided Apr. 23, 1931]. 1931. [1]+76–78 p. ([Opinion] 16768.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16768

Cotton goods. No. 23221, Crown Overall Manufacturing Company et al. *v.* Mobile & Ohio Railroad Company et al.; decided May 9, 1931. [1931.] 407–410+ii p. ([Opinion] 16830.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16830

Cotton-seed. No. 23212, Case Commission Company *v.* Alabama Great Southern Railroad Company et al.; decided Apr. 30, 1931. [1931.] p. 313–314. ([Opinion] 16810.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16810

—— No. 23712, Cotton Trading Company *v.* Atlantic Coast Line Railroad Company et al.; decided May 7, 1931. [1931.] p. 397–398. ([Opinion] 16826.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16826

Cotton-seed meal. No. 22494, S. P. Davis *v.* Missouri Pacific Railroad Company et al.; decided Apr. 22, 1931. [1931.] p. 27–31. ([Opinion] 16756.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16756

Cullet. No. 23451, Hudson Glass Company *v.* New York, New Haven & Hartford Railroad Company et al.; [decided Apr. 25, 1931]. [1931.] p. 167–170. ([Opinion] 16780.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16780

Demurrage. No. 21529, Board of Trade of Chicago *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 27, 1931. [1931.] p. 231–237. ([Opinion] 16795.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16795

Dry-kiln trucks. No. 22479, Moore Dry Kiln Company *v.* Atlantic Coast Line Railroad Company et al.; [decided Apr. 25, 1931]. 1931. [1]+142–144 p. ([Opinion] 16776.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16776

Egg cases. Investigation and suspension docket no. 3527, egg cases and egg-case carriers from Memphis, Tenn., to stations on St. Louis-San Francisco Railway in Missouri; [decided Apr. 22, 1931]. 1931. [1]+32–34+[1] p. ([Opinion] 16757.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16757

Fence-posts. No. 20761, MacGillis & Gibbs Company *v.* Chicago, Burlington & Quincy Railroad Company et al.; [decided Apr. 21, 1931]. 1931. [1]+48–52 p. ([Opinion] 16761.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16761

Figs. No. 20171, Loose-Wiles Biscuit Company *v.* Eastern Steamship Lines, Incorporated, et al.; decided Apr. 21, 1931. [1931.] p. 57–62. ([Opinion] 16763.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16763

Forest products. No. 21561, Consolidated Coppermines Corporation *v.* Nevada Northern Railway Company et al.; decided Apr. 24, 1931. [1931.] 123–124+[1] p. ([Opinion] 16773.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16773

Freight-cars. Investigation and suspension docket no. 3517, furnishing cars at variance with shippers' orders (two-for-one rule, etc.), from, to, and between points in southwestern territory; decided Apr. 22, 1931. [1931.] 53–56+[1] p. ([Opinion] 16762.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16762

Freight rates. Investigation and suspension docket no. 3130, southwestern rates; [decided May 5, 1931]. 1931. [1]+662–708+ii p. ([Opinion] 16738.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16738

—— No. 17000, rate structure investigation, pt. 2, western trunk-line class rates; decided Apr. 14, 1931. [1931.] p. 637–661. ([Opinion] 16737.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16737

—— No. 23837, Procter & Gamble Distributing Company et al. *v.* Baltimore & Ohio Railroad Company et al.; [decided May 1, 1931.] 1931. [1]+350–352 p. ([Opinion] 16818.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16818

Freight stations. Investigation and suspension docket no. 3544, discontinuance of inland or off-track stations in New York City; decided Apr. 7, 1931. [1931.] 727–738+[1] p. ([Opinion] 16741.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16741

Gasoline. No. 21125, Manhattan Oil Company *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 21, 1931. [1931.] 213–216+[1] p. ([Opinion] 16792.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16792

—— No. 22901, Georgia Oil Company *v.* Atlanta, Birmingham & Coast Railroad Company et al.; decided Apr. 28, 1931. [1931.] p. 211–212. ([Opinion] 16791.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16791

—— No. 23220, Solar Refining Company *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided May 1, 1931. [1931.] p. 347–349. ([Opinion] 16817.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16817

—— No. 23651, Kansas Home Oil Company *v.* Midland Valley Railroad Company et al.; decided Apr. 23, 1931. [1931.] p. 69–70. ([Opinion] 16765.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16765

Ginger-ale. No. 23418, Cloverdale Spring Company *v.* Atlantic Coast Line Railroad Company et al.; decided Apr. 24, 1931. [1931.] p. 133–141. ([Opinion] 16775.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16775

Glue-stock. No. 22295, Eastern Tanners Glue Company *v.* Boston & Maine Railroad et al.; decided Apr. 18, 1931. [1931.] p. 721–726. ([Opinion] 16740.) [From v. 173.] * Paper, 5c. IC 1.6/a : 16740

Grain. No. 17000, rate structure investigation, pt. 7, grain and grain products within western district and for export; decided Apr. 13, 1931. [1931.] 511–540+[1] p. ([Opinion] 16723.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16723

Hydraulic rotary lifts. No. 23579, Memphis Freight Bureau et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 25, 1931. [1931.] 171–174+[1] p. ([Opinion] 16781.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16781

Iron. No. 22727, Parkersburg Rig & Reel Company *v.* Baltimore & Ohio Railroad Company; decided Apr. 28, 1931. [1931.] p. 251–256. ([Opinion] 16798.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16798

—— No. 23541, Sonken-Galamba Corporation *v.* Chicago, Rock Island & Pacific Railway Company et al.; [decided May 15, 1931]. 1931. [1]+504–506 p. ([Opinion] 16847.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16847

—— No. 23674, Vincennes Bridge Company *v.* Baltimore & Ohio Railroad Company et al.; decided May 4, 1931. [1931.] p. 361–363. ([Opinion] 16820.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16820

Limestone. No. 23236, Alabama Rock Asphalt, Incorporated, *v.* Akron & Barberton Belt Railroad Company et al.; decided May 2, 1931. [1931.] 343–347+ii p. ([Opinion] 16816.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16816

Lithopone. No. 23131, Glidden Company *v.* Southern Pacific Company et al.; decided Apr. 21, 1931. [1931.] p. 19–22. ([Opinion] 16754.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16754

Lumber. No. 17958, Camp Manufacturing Company et al. *v.* Carolina Western Railroad et al.; decided Apr. 25, 1931. [1931.] 117–122+[1] p. ([Opinion] 16772.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16772

—— No. 23368, Pensacola Creosoting Company *v.* Louisville & Nashville Railroad Company; decided Apr. 18, 1931. [1931.] 753–761+iii p. ([Opinion] 16745.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16745

—— No. 23782, W. P. Brown & Sons Lumber Company, Incorporated, *v.* Frankfort & Cincinnati Railroad Company et al.; decided Apr. 25, 1931. [1931.] p. 183–186. ([Opinion] 16785.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16785

Manures. No. 23035, American Sumatra Tobacco Corporation *v.* Louisville & Nashville Railroad Company et al.; decided Apr. 28, 1931. [1931.] p. 257–262. ([Opinion] 16799.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16799

Marble. No. 21592, McClymont Marble Company *v.* Chicago, Milwaukee, St. Paul & Pacific Railroad Company et al.; decided May 1, 1931. [1931.] p. 335–337. ([Opinion] 16813.) [From v. 174.] * Paper, 5c. IC 1.6/a : 16813

Marble—Continued.

—— No. 23370, United States Tile & Marble Company, Incorporated, *v.* Pennsylvania Railroad Company et al.; decided Apr. 21, 1931. [1931.] p. 739–742. ([Opinion] 16742.) [From v. 173.] * Paper, 5c. IC 1.6/a : 16742

Misrouting. No. 23025, Southard Feed & Milling Company *v.* Chicago & Alton Railroad Company et al.; decided Apr. 21, 1931. [1931.] p. 35–40. ([Opinion] 16758.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16758

Molasses. No. 21283, Corn Exchange of Buffalo et al. *v.* Baltimore & Ohio Railroad Company et al.; decided Apr. 21, 1931. [1931.] p. 45–47. ([Opinion] 16760.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16760

Petroleum. No. 19645, Atchison, Topeka & Santa Fe Railway Company et al. *v.* Baltimore & Ohio Railroad Company et al.; decided Apr. 28, 1931. [1931.] 321–334+ii p. ([Opinion] 16812.) [From v. 174] * Paper, 5c. IC 1.6/1a : 16812

—— No. 21842, State of Connecticut *v.* Pennsylvania Railroad Company et al.; [decided Apr. 27, 1931]. 1931. [1]+208–210 p. ([Opinion] 16790.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16790

Phosphates. Investigation and suspension docket no. 3518, phosphate rock and related commodities (coastwise traffic) from Gulf ports to Memphis, Tenn., St. Louis, Mo., and East St. Louis, Ill.; decided May 4, 1931. [1931.] 373–387+[1] p. ([Opinion] 16823.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16823

Pins, Insulator. No. 22583, Phoenix Utility Company *v.* Tennessee Central Railway Company et al.; [decided Apr. 20, 1931]. 1931. [1]+750–752 p. ([Opinion] 16744.) [From v. 173.] * Paper, 5c. IC 1.6/a : 16744

Pipe. No. 19062, Krupp Foundry Company *v.* Reading Company et al.; decided Apr. 22, 1931. [1931.] p. 23–26. ([Opinion] 16755.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16755

—— No. 19898, Western Carolina Shippers' Association et al. *v.* Asheville Southern Railway Company et al.; decided May 2, 1931. [1931.] p. 353–360 ([Opinion] 16819.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16819

—— No. 23217, Arkansas Natural Gas Corporation *v.* Louisiana & North West Railroad Company et al.; decided May 7, 1931. [1931.] p. 395–396. ([Opinion] 16825.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16825

—— No. 23685, Harry Cooper Supply Company *v.* St. Louis-San Francisco Railway Company et al.; [decided Apr. 21, 1931]. 1931. [1]+770–772 p. ([Opinion] 16748.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16748

Pitch. No. 17535, Higginbotham-Bartlett Company, Incorporated, et al. *v.* Alabama & Vicksburg Railroad Company et al.; decided Apr. 22, 1931. [1931.] p. 285–289. ([Opinion] 16803.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16803

Plaster. No. 22561, Texas Cement Plaster Company *v.* Central of Georgia Railway Company et al.; [decided Mar. 25, 1931]. 1931. [1]+260–262 p. ([Opinion] 16693.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16693

Potatoes. No. 20337, Leonard, Crosset & Riley, Incorporated, et al. *v.* Aransas Harbor Terminal Railway et al.; decided Apr. 21, 1931. [1931.] p. 193–207. ([Opinion] 16789.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16789

—— No. 23016, El Paso Freight Bureau et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 27, 1931. [1931.] 217–223+[1] p. ([Opinion] 16793.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16793

—— No. 23664, Denny & Company *v.* Cleveland, Cincinnati, Chicago & St. Louis Railway Company et al.; decided Apr. 24, 1931. [1931.] p. 71–72. ([Opinion] 16766.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16766

Radio cabinets. No. 23810, Hamilton Manufacturing Company *v.* Chicago & North Western Railway Company et al.; decided May 7, 1931. [1931.] p. 399–400. ([Opinion] 16827.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16827

Railroad ties. No. 23497, Arkansas Portland Cement Company *v.* Graysonia, Nashville & Ashdown Railroad Company et al.; decided Apr. 21, 1931. [1931.] 41–44+[1] p. ([Opinion] 16759.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16759

Rice. No. 23678, Rice Growers Association of California *v.* Southern Pacific Company et al.; decided Apr. 24, 1931. [1931.] p. 145–147. ([Opinion] 16777.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16777

Rubber. No. 21333, Rubber Association of America, Incorporated, et al. *v.* Akron & Barberton Belt Railroad Company et al.; decided Apr. 23, 1931. [1931.] 79–86+ii p. ([Opinion] 16769.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16769

Sewer-pipe. No. 23365, Shearman Concrete Pipe Company *v.* Missouri-Kansas-Texas Railroad Company of Texas et al.; [decided Apr. 28, 1931]. 1931. [1]+238–242 p. ([Opinion] 16796.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16796

—— No. 23535, W. S. Dickey Clay Manufacturing Company *v.* St. Louis-San Francisco Railway Company et al.; decided Apr. 24, 1931. [1931.] p. 147–150. ([Opinion] 16778.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16778

Shingles. No. 23694, Ruberoid Company *v.* Florida East Coast Railway Company; decided Apr. 25, 1931. [1931.] p. 181–182. ([Opinion] 16784.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16784

Slag. No. 23875, Norwalk Roofing Company *v.* New York, New Haven & Hartford Railroad Company et al.; decided Apr. 22, 1931. [1931.] 1–3+ii p. ([Opinion] 16751.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16751

Stone. No. 24007, Grace Construction & Supply Company *v.* Indiana Service Corporation et al.; decided Apr. 25, 1931. [1931.] p. 187–188. ([Opinion] 16786.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16786

Supervisors of caretakers. Investigation and suspension docket no. 3562, supervisors of caretakers in charge of shipments of potatoes and other perishable vegetables in New England territory; decided May 12, 1931. [1931.] 433–437+[1] p. ([Opinion] 16836.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16836

Swine. No. 22935, North Packing & Provision Company et al. *v.* Chicago, Burlington & Quincy Railroad Company et al.; [decided May 1, 1931]. 1931. [1]+338–340 p. ([Opinion] 16814.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16814

Switching charges. Investigation and suspension docket no. 3499, carload traffic between industries in Chicago district; decided Apr. 25, 1931. [1931.] 111–116+[1] p. ([Opinion] 16771.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16771

—— No. 22665, California Pine Box Distributors et al. *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 17, 1931. [1931.] p. 709–720. ([Opinion] 16739.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16739

—— No. 23379, Grand Trunk Western Railroad Company *v.* Pere Marquette Railway Company et al.; decided May 9, 1931. [1931.] p. 427–433. ([Opinion] 16835.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16835

Tar. No. 21630, American Tar Products Company *v.* Atlanta, Birmingham & Coast Railroad Company et al.; decided Apr. 23, 1931. [1931.] 151–166+[1] p. ([Opinion] 16779.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16779

Tobacco. Investigation and suspension docket no. 3559, leaf tobacco from North Carolina to Norfolk and Richmond, Va., and related points; [decided May 12, 1931]. 1931. [1]+422–426+[1] p. ([Opinion] 16834.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16834

—— No. 23127, Tobacco Merchants Association of United States *v.* Atchison, Topeka & Santa Fe Railway Company et al.; decided Apr. 21, 1931. [1931.] p. 795–800. ([Opinion] 16750.) [From v. 173.] * Paper, 5c. IC 1.6/1a : 16750

Unlading and lading. No. 12681, charges for wharfage, handling, storing, and other accessorial services at Atlantic and Gulf ports; decided May 11, 1931. [1931.] 263–272+[1] p. ([Opinion] 16800.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16800

Zinc meta-arsenite compound. No. 23681, Curtin-Howe Corporation *v.* Pennsylvania Railroad Company; decided Apr. 23, 1931. [1931.] p. 73–75. ([Opinion] 16767.) [From v. 174.] * Paper, 5c. IC 1.6/1a : 16767

Decisions (Valuation)

See, above, subhead *Decisions* on p. 1050, v. 30

JUSTICE DEPARTMENT

Acme Operating Corporation. No. E–260, in Court of Claims, Acme Operating Corporation *v.* United States; defendant's brief in replication. [1931.] cover-title, i+259–291 p. ‡ J 1.13 : Ac 65/6

Baumgartner, Mrs. Lulu V. No. 6379, in circuit court of appeals for 9th circuit, Lulu Vance Baumgartner *v.* commissioner of internal revenue, upon petition to review order of Board of Tax Appeals; brief for respondent. [1931.] cover-title, ii+23 p. ‡ J 1.13 : B 327/3

Bedford Mills, Incorporated. In Court of Claims, no. K–92, Bedford Mills, Inc., *v.* United States; defendant's brief. [1931.] p. 99–146. ‡ J 1.13 : B 39/6

Beeman, Martha H. No. —, in circuit court of appeals for 2d circuit, Basil Robillard, executor of Martha H. Beeman, *v.* David Burnet, commissioner of internal revenue, on petition for rev.ew of decision of Board of Tax Appeals; brief for respondent. [1931.] cover-title, ii+13 p. large 8° ‡ J 1.13 : B 392/2

Bonwit, Teller & Co. In Court of Claims, no. H–554, Bonwit, Teller & Company *v.* United States; memorandum for United States on remand. [1931.] p. 1–5. ‡ J 1.13 : B 644/22

Briggs & Turivas. No. E–383, in Court of Claims, Briggs & Turivas *v.* United States; reply brief for United State on question of jurisdiction. [1931.] cover-title, i+224–236 p. ‡ J 1.13 : B 768/12

Burgoyne, Erving H. No. 5309, in Court of Appeals of District of Columbia. Oct. term, 1930, Erving H. Burgoyne *v.* United States, appeal from Supreme Court of District of Columbia; brief on behalf of appellee. [1931.] cover-title, i+23 p. ‡ J 1.13 : B 915

Byrne, Michael J. In Court of Claims, no. K–540, Michael J. Byrne *v.* United States; defendant's exceptions to report of commissioner, request for findings of fact in lieu thereof, and brief. [1931.] p. 23–31. ‡ J 1.13 : B 996/9

Chicago, Rock Island and Pacific Railway. No. 78, in Supreme Court, Oct. term, 1931, Chicago, Rock Island & Pacific Railway Company *v.* David Burnet, commissioner of internal revenue, on petition for writ of certiorari to circuit court of appeals for 7th circuit; brief for respondent in opposition. [1931.] cover-title, i+20 p. ‡ J 1.13 : C 43/155

Clayton, Benjamin. No. 871, in Supreme Court, Oct. term, 1930, Benjamin Clayton *v.* United States, on petition for writ of certiorari to Court of Claims; brief for United States in opposition. [1931.] cover-title, i+9 p. ‡ J 1.13 : C 579/6

Colony Coal and Coke Corporation. Nos. 3169 and 3170, in circuit court of appeals for 4th circuit, Colony Coal & Coke Corporation *v.* commissioner of internal revenue; Hazard Coal Corporation *v.* [same], on petitions to review decision of Board of Tax Appeals; brief for respondent. [1931.] cover-title, ii+34 p. ‡ J 1.13 : C 719/14

Cummins, A. D., & Co. No. 754, in Supreme Court, Oct. term, 1930, A. D. Cummins & Company *v.* United States, on petition for writ of certiorari to Court of Claims; brief for United States in opposition to motion to remand. [1931.] cover-title, 3 p. ‡ J 1.13 : C 912/10

Dantzler, Tillman T. In Court of Claims, no. L-182, William [Tillman] T. Dantzler *v.* United States; defendant's brief. [1931.] p. 15-16. ‡
J 1.13 : D 236

Darling, F. W. No. 995, in Supreme Court, Oct. term, 1930, F. W. Darling *v.* commissioner of internal revenue, on petition for writ of certiorari to circuit court of appeals for 4th circuit; memorandum for United States in opposition. [1931.] cover-title, 2 p. ‡ J 1.13 : D 249/6

Davis, Joe. No. 998, in Supreme Court, Oct. term, 1930, Joe Davis *v.* United States, on petition for writ of certiorari to circuit court of appeals for 4th circuit; brief for United States in opposition. [1931.] cover-title, i+6 p. ‡
J 1.13 : D 294/8

Dutton, W. M., & Sons Company. In Court of Claims, no. H-397, W. M. Dutton and Sons Company *v.* United States; defendant's motion for new trial. [1931.] p. 85-105. ‡ J 1.13 : D 954/2

Elko Lamoille Power Company. No. 6399, in circuit court of appeals for 9th circuit, Elko Lamoille Power Company *v.* commissioner of internal revenue, upon petition to review order of Board of Tax Appeals; brief for respondent. [1931.] cover-title, ii + 24 p. ‡ J 1.13 : E 152

France et Canada Cie. Francaise de Navigation. No. F-386, in Court of Claims, France et Canada Cie. Francaise de Navigation *v.* United States; defendant's request for findings of fact and brief. [1931.] cover-title, ii+307-308 p. + leaves 381-389. ‡ J 1.13 : F 844/3

Gong Bell Manufacturing Company. No. 982, in Supreme Court, Oct. term, 1930, Gong Bell Manufacturing Company *v.* David Burnet, commissioner of internal revenue, on petition for writ of certiorari to circuit court of appeals for 2d circuit; memorandum for respondent. [1931.] cover-title, 6 p. ‡
J 1.13 : G 588/2

Haven, Hugh E. In Court of Claims, no. L-79, Hugh E. Haven *v.* United States; defendant's brief. [1931.] p. 13-15. ‡ J 1.13 : H 298

Henrietta Mills, Incorporated. No. 3165, in circuit court of appeals for 4th circuit, Henrietta Mills, Inc., *v.* commissioner of internal revenue, on petition to review decision of Board of Tax Appeals; brief for respondent. [1931.] cover-title, i+15 p. ‡ J 1.13 : H 395

Highland Milk Condensing Company. In Court of Claims, no. E-588, Highland Milk Condensing Company *v.* United States; defendant's brief. [1931.] p. 175-177. ‡ J 1.13 : H 537/9

Holmes, Jerry C. In Court of Claims, no. L-248, Jerry C. Holmes *v.* United States; defendant's brief. [1931.] p. 15-17. ‡ J 1.13 : H 736/3

Jarves, Deming. In Court of Claims, no. J-575, Union Trust Company of Detroit, Mich., trustee under will of Deming Jarves, *v.* United States; brief for United States. [1931.] p. 59-71. ‡ J 1.13 : J 298

Kurtz, William S. In Court of Claims, no. L-362, William S. Kurtz *v.* United States; defendant's brief. [1931.] p. 15-17. ‡ J 1.13 : K 967

Liberty National Company. No. 440, in circuit court of appeals for 10th circuit, commissioner of internal revenue *v.* Liberty National Company, on petition to review decision of Board of Tax Appeals; brief for petitioner. [1931.] cover-title, ii+18 p. ‡ J 1.13 : L 615/4

Lyle, Robert N. No. 5875, in circuit court of appeals for 6th circuit, United States *v.* Mrs. Carrie Bell Lyle, legal guardian of Robert N. Lyle, and Robert N. Lyle, non compos mentis, appeal from district court for western district of Tennessee; brief of appellant, United States. [1931.] cover-title, i+42 p. ‡ J 1.13 : L 988

McCaskey, Rosalee. In Court of Claims, no. J-602, Rosalee McCaskey *v.* United States; defendant's objections to plaintiff's request for findings of fact, request for findings of fact in lieu thereof, and brief. [1931.] p. 1-9. ‡
J 1.13 : M 128/8

McDonald, Bilton. Nos. 3152–56, in circuit court of appeals for 4th circuit, Bruce McDonald, S. E. McDonald, and W. C. Turley, as executors of Bilton McDonald, *v.* commissioner of internal revenue; Bruce McDonald *v.* [same]; J. K. Parsons *v.* [same]; F. M. Burgess *v.* [same]; J. W. Thornbury *v.* [same], on petition to review decisions of Board of Tax Appeals; brief for respondent. [1931.] cover-title, ii+24 p. ‡ J 1.13 : M 145/11

Memphis Cotton Oil Company. In Court of Claims, no. L–173, Memphis Cotton Oil Company *v.* United States; defendant's brief. [1931.] p. 99–125. ‡ J 1.13 : M 519

Miller, William. No. 1000, in Supreme Court, Oct. term, 1930, William Miller *v.* United States, on petition for writ of certiorari to circuit court of appeals for 4th circuit; memorandum for United States in opposition. [1931.] cover-title, 2 p. ‡ J 1.13 : M 619/10

Myers, Roy. No. 997, in Supreme Court, Oct. term, 1930, Roy Myers *v.* United States, on petition for writ of certiorari to circuit court of appeals for 4th circuit; brief for United States in opposition. [1931.] cover-title, i+9 p. ‡ J 1.13 : M 992/12

Olsson, Emil. In Court of Claims, no. B–154, Emil Olsson *v.* United States; defendant's motion for new trial and brief in support. [1931.] p. 1–8. ‡ J 1.13 : Ol 8/5

Ordnance Engineering Corporation. No. 34680, in Court of Claims, Ordnance Engineering Corporation *v.* United States; defendant's exceptions to commissioner's report filed May 14, 1931, and defendant's brief and requested findings of fact. [1931.] cover-title, i+2839–2919 p. il. ‡ J 1.13 : Or 2/11

Osborn, Chase S. In Court of Claims, no. L–289, Chase S. Osborn *v.* United States; brief for United States. [1931.] p. 25–31. ‡ J 1.13 : Os 1/15

Parker, John J. No. —, in circuit court of appeals for 6th circuit, Oct. term, 1930, Camille M. Parker, executrix of John J. Parker, *v.* C. F. Routzahn, collector of internal revenue, appeal from district court for northern district of Ohio, eastern division, from judgment (West, J.), Oct. 28, 1930; supplemental brief for defendant, appellee. [1931.] cover-title, i+22 p. ‡ J 1.13 : P 226/4

Peoples Outfitting Company. In Court of Claims, no. K–78, Peoples Outfitting Company *v.* United States; defendant's amended counterclaim. [1931.] p. 7–9. ‡ J 1 13 : P 39/5

—— Same; defendant's exceptions to report of commissioner. [1931.] p. 17–21. ‡ J 1.13 : P 39/6

Pope, Allen. In Court of Claims, no. K–367, Allen Pope *v.* United States; defendant's brief and argument. [1931.] p. 321–357. ‡ J 1.13 : P 81/10

Porter, Mrs. Edith R. In Court of Claims, no. L–69, Edith R. Porter *v.* United States; defendant's brief. [1931.] p. 53–88. ‡ J 1.13 : P 833

Standard Computing Scale Company. No. J–661, in Court of Claims, Standard Computing Scale Company *v.* United States; defendant's request for findings of fact and brief. [1931.] cover-title, ii+55–109 p. ‡ J 1.13 : St 24/83

Virginia-Lincoln Furniture Corporation. [No] 3159, in circuit court of appeals for 4th circuit, Virginia-Lincoln Furniture Corporation *v.* commissioner of internal revenue, on petition to review decision of Board of Tax Appeals; brief for respondent. [1931.] cover-title, i+14 p. ‡ J 1.13 : V 819/10

Vulcanite Portland Cement Company. In Court of Claims, no. H–259, Vulcanite Portland Cement Company *v.* United States; defendant's motion for new trial and brief in support thereof. [1931.] p. 183–213 ‡ J 1.13 : V 976/5

Walden Knife Company. Transcript of record, circuit court of appeals, 2d circuit, commissioner of internal revenue *versus* Walden Knife Company, on petition to review decision of Board of Tax Appeals. [1931.] cover-title, i+62 p. large 8° ‡ J 1.13 : W 144

LABOR DEPARTMENT

EMPLOYMENT SERVICE

Industrial employment information bulletin, May, 1931; v. 11, no. 5. [1931.] 34 p. 4° [Monthly.] †
L. C. card L 21-17 L 7.8 : 931/5

LABOR STATISTICS BUREAU

Advisory Committee on Employment Statistics. Report of Advisory Committee on Employment Statistics. May, 1931. iii+31+vi p. (Bulletin 542; Employment and unemployment series.) * Paper, 10c.
L. C. card L 31-79 L 2.3 : 542

NOTE.—Includes Memorandum on technological unemployment; by Ewan Clague.

—— Same. (H. doc. 814, 71st Cong. 3d sess.)

Employment. Trend of employment and labor turnover, May, 1931. 1931. [1]+43 p. il. [Monthly.] †
L. C. card L 23-234 L 2.9 : 931/5

International Association of Public Employment Services. International Association of Public Employment Services, 17th annual meeting, Philadelphia, Pa., Sept. 24-27, 1929, 18th annual meeting, Toronto, Canada, Sept. 9-12, 1930 [proceedings]. May, 1931. ix+212+v p. (Bulletin 538; Employment and unemployment series.) * Paper, 35c.
L. C. card L 16-28 L 2.3 : 538

—— Same. (H. doc. 781, 71st Cong. 3d sess.)

Monthly labor review, v. 32, no. 6; June, 1931. 1931. viii+222+v p. il. [This publication bears also the volume pagination 1267-1488.] * Paper, 15c. single copy, $1.50 a yr.; foreign subscription, $2.25.
L. C. card 15-26485 L 2.6 : 32/6

SPECIAL ARTICLES.—Operation of public old-age pension systems in United States, 1930.—Child labor recommendations of White House Conference on Child Health and Protection [held in Washington, D. C., Nov. 19-22, 1930].—Strikes and lockouts in United States, 1916-30.—Conciliation work of Department of Labor, Apr. 1931; by Hugh L. Kerwin.—Statistics of immigration, Mar. 1931; by J. J. Kunna.

NOTE.—The Monthly labor review is the medium through which the Bureau publishes its regular monthly reports on such subjects as prices, wages, industrial disputes, and employment conditions, as also the results of original investigations too brief for bulletin purposes, notices of labor legislation by the States or by Congress, and Federal court decisions affecting labor, which from their importance should be given attention before they could ordinarily appear in the bulletins devoted to these subjects. One free subscription will be given to all labor departments and bureaus, workmen's compensation commissions, and other offices connected with the administration of labor laws and to organizations exchanging publications with the Bureau of Labor Statistics. Others desiring copies may obtain them from the Superintendent of Documents, Washington, D. C., at the prices stated above.

Prices. Prices, wholesale and retail, May, 1931. 1931. [1]+26 p. il. [Monthly.] † L 2.6/a2 : 931/5

—— Wholesale prices of commodities, May, 1931. 1931. [1]+14 p. [Monthly.] †
L. C. card L 22-229 L 2.8 : 931/5

Textiles. Wages and hours of labor in dyeing and finishing of textiles, 1930. June, 1931. iii+30+v p. (Bulletin 537; Wages and hours of labor series.) * Paper, 10c.
L. C. card L 31-74 L 2.3 : 537

—— Same. (H. doc. 713, 71st Cong. 3d sess.)

NATURALIZATION BUREAU

De Francis, Robert. In Court of Appeals of District of Columbia, no. 5032. United States *v.* Robert De Francis, appeal from Supreme Court of District of Columbia; [opinion of court] decided May 4, 1931. [1931.] 4 p. [This case deals with the question of citizenship in the United States and is printed for the information of field officers of the Naturalization Bureau and others concerned.] ‡ L 6.6 : D 362

Macintosh, Douglas C. Supreme Court, no. 504, Oct. term, 1930, United States *v.* Douglas Clyde Macintosh, on writ of certiorari to circuit court of appeals for 2d circuit; [opinion of court] May 25, 1931. [1931.] 16 p. [This case deals with the question of citizenship in the United States and is printed for the information of field officers of the Naturalization Bureau and others concerned.] ‡ L 6.6: M 189

LIBRARY OF CONGRESS

CATALOGUE DIVISION

Subject headings. List of subject headings, 3d edition, additions and changes, list 15; Jan.–June, 1931. [1931.] 8 leaves, narrow 8° [Issued on gummed paper.] LC 9.6/3: 3/15

NOTE.—In response to numerous requests, slips containing lists of additions and changes for the 3d edition of the List will be supplied monthly, excepting months during which there are too few to justify the printing of a slip. They will be printed on one side only, on thin gummed paper. They will be numbered consecutively and show the period covered. With the list for December will be sent a charge slip for the issues supplied during the calendar year at 8c. each. These slip lists will be kept in stock until the 4th edition of the List is issued.

COPYRIGHT OFFICE

Copyright. [Catalogue of copyright entries, new series, pt. 1, group 1, Books, v. 28] no 34–47; June, 1931. June 1–30, 1931. p. 529–752. [Issued several times a week.]
L. C. card 6–35347 LC 3.6/1: 28/1–34 to 1–47

NOTE.—Each number is issued in 4 parts: pt. 1, group 1, relates to books; pt. 1, group 2, to pamphlets, leaflets, contributions to newspapers or periodicals, etc., lectures, sermons, addresses for oral delivery, maps; pt. 1, group 3, to dramatic compositions, motion pictures; pt. 2, to periodicals; pt. 3, to musical compositions; pt. 4, to works of art, reproductions of a work of art, drawings or plastic works of scientific or technical character, photographs, prints, and pictorial illustrations.

Subscriptions for the Catalogue of copyright entries should be made to the Superintendent of Documents, Washington, D. C., instead of to the Register of Copyrights. Prices are as follows: Paper, $10.00 a yr. (4 pts. unbound), foreign subscription, $12.00; pt. 1, groups 1 and 2, and pt. 3, each $3.00 a yr., foreign subscription, pt. 1, group 1, $3.65, pt. 1, group 2, $3.60, pt. 3, $3.50; pt. 1, group 3, pt. 2, and pt. 4, each $2.00 a yr., foreign subscription, pt. 1, group 3, $2.25, pts. 2 and 4, each $2.20; single numbers (except Book leaflets which are 5c. each), 50c.; annual indexes, each, for complete calendar year, $2.00.

—— Same, pt. 1, group 2, Pamphlets, leaflets, contributions to newspapers or periodicals, etc., lectures, sermons, addresses for oral delivery, maps, v. 27, volume index [and title-pages, calendar year] 1930. 1931. iv+1731–2150 p.+[5] leaves. LC 3.6/1: 27/2/ind.

—— Same, pt. 1, group 2, Pamphlets, leaflets, contributions to newspapers or periodicals, etc., lectures, sermons, addresses for oral delivery, maps, v. 28, no. 3. 1931. iv+263–404 p. [Monthly.] LC 3 6/1: 28/2–3

—— Same, pt. 2, Periodicals, v. 26, no. 1. 1931. iii+1–195 p. [Quarterly.] LC 3.6/2: 26/1

—— Same, pt. 3, Musical compositions, v. 26, no. 3. 1931. v+277–433 p. [Monthly.] LC 3.6/3: 26/3

—— Same, pt. 3, Musical compositions, v. 26, no. 4. 1931. v+435–577 p. [Monthly.] LC 3.6/3: 26/4

—— Same, pt. 4, Works of art, reproductions of a work of art, drawings or plastic works of scientific or technical character, photographs, prints, and pictorial illustrations, v. 26, no. 1. 1931. iii+1–76 p. [Quarterly.] LC 3.6/4: 26/1

SERVICE FOR THE BLIND

Report. Annual report, Service for the Blind, 1929–30. 1931. [1]+13 p. [From Report of librarian of Congress, 1930.] † LC 16.1: 930

NATIONAL ACADEMY OF SCIENCES

NATIONAL RESEARCH COUNCIL

Report of National Research Council, July 1, 1929–June 30, 1930. 1931. iv+119 p. [From Report of National Academy of Sciences, fiscal year 1929–30.] * Paper, 15c.
L. C. card 18-15383 NA 2.1:930

NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

Airwheels. Static, drop, and flight tests on Musselman type airwheels [with list of references]; by William C. Peck and Albert P. Beard. 1931. cover-title, 20 p. il. 4° (Report 381.) [Text and illustration on p. 2 and 3 of cover.] * Paper, 15c.
L. C. card 31-27115 Y 3. N 21/5:5/381

Propellers. Comparison of full-scale propellers having R. A. F.-6 and Clark Y airfoil sections [with list of references]; by Hugh B. Freeman. 1931. cover-title, 20 p. il. 4° (Report 378.) [Text and illustration on p. 2 and 3 of cover.] * Paper, 10c.
L. C. card 31-27098 Y 3.N 21/5:5/378

—— Full-scale tests of metal propellers at high tip speeds [with list of references]; by Donald H. Wood. 1931. cover-title, 22 p. il. 4° (Report 375.) [Text and illustration on p. 2 and 3 of cover.] * Paper, 15c.
L. C. card 31-27114 Y 3.N 21/5:5/375

Report. Aeronautics, 16th annual report of National Advisory Committee for Aeronautics, [fiscal year] 1930, including Technical reports 337–364. 1931. viii+787 p. il. 2 pl. 2 p. of pl. 4° [Each report is also published separately in advance.] * Cloth, $3.00.
L. C. card 16-26395 Y 3. N 21/5:1/930-2

CONTENTS.—16th annual report.—Report 337. Gaseous explosive reaction at constant pressure, reaction order and reaction rate [with list of references]; by F. W. Stevens.—Report 338. Effect of reduction gearing on propeller-body interference as shown by full scale wind tunnel tests [with list of references]; by Fred E. Weick.—Report 339. Full scale wind tunnel tests with series of propellers of different diameters on single fuselage [with reference]; by Fred E. Weick.—Report 340. Full scale wind tunnel tests on several metal propellers having different blade forms [with list of references]; by Fred E. Weick.—Report 341. Design and development of automatic injection valve with annular orifice of varying area [with bibliography]; by William F. Joachim, Chester W. Hicks, and Hampton H. Foster.—Report 342. Effect of turbulence in wind tunnel measurements [with list of references]; by H. L. Dryden and A. M. Kuethe.—Report 343. Effect of variation of chord and span of ailerons on rolling and yawing moments at several angles of pitch [with list of references]; by R. H. Heald, D. H. Strother, and B. H. Monish.—Report 344. Design of plywood webs for airplane wing beams; by George W. Trayer.—Report 345. Design of airplane wing ribs; by J. A. Newlin and Geo. W. Trayer.—Report 346. Water pressure distribution on flying boat hull [with references and bibliography]; by F. L. Thompson.—Report 347. Method of calculating ultimate strength of continuous beams; by J. A. Newlin and Geo. W. Trayer.—Report 348. Strength of welded joints and tubular members for aircraft [with bibliography]; by H. L. Whittemore and W. C. Brueggeman.—Report 349. Proof of theorem regarding distribution of lift over span for minimum induced drag [with list of references]; by W. F. Durand.—Report 350. Working charts for selection of aluminum alloy propellers of standard form to operate with various aircraft engines and bodies [with list of references]; by Fred E. Weick.—Report 351. Full scale wind tunnel tests of propeller with diameter changed by cutting off blade tips [with list of references]; by Donald H. Wood.—Report 352. Large-scale aerodynamic characteristics of airfoils as tested in variable density wind tunnel [with list of references]; by Eastman N. Jacobs and Raymond F. Anderson.—Report 353. Airfoil pressure distribution investigation in variable density wind tunnel [with list of references]; by Eastman N. Jacobs, John Stack, and Robert M. Pinkerton.—Report 354. Aircraft woods, their properties, selection, and characteristics [with list of references and bibliography]; by L. J. Markwardt.—Report 355. Comparative flight performance with N. A. C. A. Roots supercharger and turbocentrifugal supercharger [with list of references]; by Oscar W. Schey and Alfred W. Young.—Report 356. Strength of rectangular flat plates under edge compression; by Louis Schuman and Goldie Back.—Report 357. Aircraft accidents, method of analysis; report prepared by Committee on Aircraft Accidents.—Report 358. Temperature coefficient of modulus of rigidity of aircraft instrument diaphragm and spring materials [with list of references]; by W. G. Brombacher and E. R. Melton.—Report 359. Investigation of effectiveness of ignition sparks [with list of references]; by Melville F. Peters, Wayne L. Summerville, and Merlin Davis.—Report 360. Pressure distribution over symmetrical

Report—Continued.

airfoil section with trailing edge flap [with list of references]; by Eastman N. Jacobs and Robert M. Pinkerton.—Report 361. Experimental determination of jet boundary corrections for airfoil tests in 4 open wind tunnel jets of different shapes [with list of references]; by Montgomery Knight and Thomas A. Harris.—Report 362. Extended theory of thin airfoils and its application to biplane problem [with list of references]; by Clark B. Millikan.—Report 363. Pressure fluctuations in common-rail fuel injection system [with list of references]; by A. M. Rothrock.—Report 364. Pressure distribution over wings and tail surfaces of PW-9 pursuit airplane in flight [with bibliography]; by Richard V. Rhode.

NATIONAL COMMISSION ON LAW OBSERVANCE AND ENFORCEMENT

Prosecutions. Report on prosecution. [Apr. 22] 1931. v+337 p. ([Publication 4.]) * Paper, 50c.
L. C. card 31-27056 Y 3. N 21/7: 5/4

NOTE.—Includes Criminal justice surveys analysis, being analysis of surveys of administration of criminal justice relating to subjects of prosecution and courts for National Commission on Law Observance and Enforcement [with lists of references]; by Alfred Bettman.—Bibliography of prosecution, including references to grand jury, legal aid, public defender, and related subjects; by Julian Leavitt.

NAVY DEPARTMENT

Court-martial order 1 and 2, 1931; Jan. 31 and Feb. 28, 1931. [1931] 38 p. and 15 p. 12° [Monthly.] ‡ N 1.14: 931/1, 2

Laws. Acts and resolutions relating chiefly to Navy, Navy Department, and Marine Corps, passed at 3d session, 71st Congress, 1930–31. 1931. iv+155 p. ‡
L. C. card 8-35631 N 1.7: 931

Orders. General order 1–40, 44–52, 54–57, 59–63, 65, 67–72, 78–85, 90–94, 99–102, 105–108, 110, 118–122, 139–142 [6th series]; Jan. 5, 1921–Dec. 4, 1924. [Reprints with omissions 1931.] various paging, 4° [General orders which are omitted from these publications are canceled or superseded by later orders.] ‡ N 1.13/6: 1–40/3, etc.

Uniforms. Changes in Uniform regulations [Navy, 1922], no. 7; Mar. 31, 1931. [1931.] 1 p. [Accompanied by reprints of certain pages and plates to be inserted in their proper places in the original publication. A list of these reprinted pages and plates is found on the first page of Changes 7 here catalogued.] * Paper, 15c. N 1.18/2: 922/7

AERONAUTICS BUREAU

Manual. [Bureau of Aeronautics manual, 1927]: chapter 23, Pulication [and reprint of portion of chapter 24, Reports and records, with corrections]. [1931.] p. 1 [of chapter 23]+p. 3–5 [of chapter 24]. [Issued in loose-leaf form for insertion in manual.] ‡ N 28.7: 927/chap. 23, 24

ENGINEERING BUREAU

Bulletin of engineering information 66; July 1, 1931. 1931. iii+30 p. il. 1 pl. * Paper, 10c.
L. C. card 22-26665 N 19.9/2: 66

Machinery. Instructions for laying up, care while out of commission, and recommissioning machinery installations; reprint of chapter 35 of Manual of engineering instructions. Revised Apr. 1931. 1931. [1]+42 p. * Paper, 10c. N 19.8/2: 35/rev. 931

Marine engineering. Manual of engineering instructions: chapter 35, Laying up, care while out of commission, and recommissioning machinery (installations). Revised Apr. 1931. Apr. 1931. i+42 p. [Issued in loose-leaf form for insertion in binder. This chapter has also been issued in pamphlet form with title Instructions for laying up, care while out of commission, and recommissioning machinery installations, for which see above.] * Paper, 10c. N 19.8/2: 35/1–2/rev. 931

MEDICINE AND SURGERY BUREAU

Naval medical bulletin. United States naval medical bulletin, published quarterly for information of Medical Department of Navy, v. 29, no. 3, July, 1931; edited by Robert P. Parsons. 1931. viii+357-579 p. il. 1 pl. 10 p. of pl. * Paper, 25c. single copy, 75c. a yr.; foreign subscription, $1 10.
L. C. card 8-35095 N 10.11/1 : 29/3

SPECIAL ARTICLES.—Medical aspects of submarine lung training [with bibliography and editor's note]; by L. K. MacClatchie.—Shock due to excessive distension of lungs during training with escape apparatus [with bibliography]; by E. W. Brown.—Observations on submarine lung training; by B. H. Adams.—Treatment of recurrent hernia [with bibliography]; by F. R. Hook.—A glance at results of "last 30 centuries" of venereal-disease prevention; by C. S. Butler.—Cancer as Federal problem [with bibliography]; by E. L. Whitehead.—Method of producing sterile blowfly larvæ for surgical use [with list of references]; by F. F. Murdoch and T. L. Smart.—Water supply of Naval Academy; by J. C. Pryor.—Anesthesia, minimum requirements for Navy needs [with bibliography]; by A. H. Dearing.—Medical literature; by R. P. Parsons.—Aplastic anemia following arsphenamine therapy, report of case [with bibliography]; by L. J. Roberts.—Some experiences with quinidin in auricular fibrillation [with bibliography]; by W. M. Anderson.—Psychogenic amblyopia [with reference], by E. C. Ebert; [and with discussions by D. G. Sutton and C. A. Swanson].—Case of heart block with Stokes-Adams's syndrome; by A. S. Judy and F. E. McAlaney.—Undulant fever [with list of references]; by H. F. Lawrence.—Retroperitoneal reticulum cell sarcoma, report of case; by W. H. Funk and O. W. Wickstrom.—Anaphylactic shock accompanying benign tertian malaria; by G. C. Thomas and G. B. Rideut.—Case of calculus of kidney complicated by pistol bullet; by L. B. Marshall.—Notes on preventive medicine for medical officers, Navy, [including] Effects of super-high-frequency radio current on health of men exposed under service conditions [with bibliography], by W. H. Bell and D. Ferguson; [Dominick-Lauter method compared with standard methods in differentiating coli-aerogenes group in water analysis, with list of references, by J. M. McCants; Postvaccinal encephalitis, by W. H. Bell; Report of dengue epidemic in American Samoa, by W. W. Hargrave].

Venereal diseases. A glance at results of "last 30 centuries" of venereal-disease prevention; by C. S. Butler. 1931. [1]+11 p. il. [From United States naval medical bulletin, v. 29, no. 3.] † N 10.11/1a : V 555/5

Water analysis. Dominick-Lauter method compared with standard methods in differentiating coli-aerogenes group in water analysis [with list of references]; by J. M. McCants. 1931. [1]+8 p. [From United States naval medical bulletin, v. 29, no. 3.] † N 10.11/1a : D 713

NAVAL INTELLIGENCE OFFICE

NAVAL RECORDS AND LIBRARY OFFICE

Officers, Confederate States navy. Register of officers of Confederate States navy, 1861-65, as compiled and revised 1931, from all available data. 1931. ii+220 p. [Revision of list of officers of Confederate States navy, 1861-65, published in 1898.] * Paper, 20c.
L C. card 31-27094 N 16.2 : R 26

NAVIGATION BUREAU

Circular letters. Bureau of Navigation circular letter 38-31. 1931. 1 p. [Usually the circular letters of the Navigation Bureau are mimeographed and are not entered in this catalogue.] ‡ N 17.20 : 931/38

Naval Academy, Annapolis. Examination papers for admission to Naval Academy, Annapolis, Md., regular examination series 51-70, substantiating examination series 1-14, Feb. 1922-Apr. 1931. 1931. 99 p. il. † Naval Academy.
L. C. card 8-35154 N 12.8/1 : 931

Naval Reserve. Register of commissioned and warrant officers of Naval Reserve, Jan. 1, 1931. 1931. viii+269 p. * Paper, 25c.
L. C. card 21-26710 N 25.6 : 931

HYDROGRAPHIC OFFICE

NOTE.—The charts, sailing directions, manuals, etc., of the Hydrographic Office are sold by the office in Washington and also by agents at the principal American and foreign seaports and American lake ports. Copies of the General catalogue of mariners' charts and books and of the Hydrographic bulletins, reprints, and Notice to mariners are sup-

plied free on application at the Hydrographic Office in Washington and at the branch offices in Boston, New York, Philadelphia, Baltimore, Norfolk, Savannah, New Orleans, Galveston, San Francisco, San Pedro, Calif., San Juan, P. R., Captain of the Port, Panama Canal, Portland (Oreg.), Seattle, Honolulu, T. H., Chicago, Cleveland, Buffalo, Detroit, Sault Ste. Marie, and Duluth.

Hydrographic bulletin, weekly, no. 2178–81; June 3–24, 1931. 1931. Each 1 p. large 4° and f° [For Ice supplements to accompany nos. 2178 and 2179, see below under center head *Charts* the subhead *Ice*. Ice supplements discontinued with issue 297 until dangerous ice conditions make it again necessary.] † N 6.3 : 2178–81

Mediterranean Sea. Sailing directions for Mediterranean: v. 3, Southeast coast of Italy, shores of Adriatic and western coast of Greece to Cape Matapan. 2d edition, [corrected to Feb. 21] 1931. 1931. xviii+600 p.+[3] leaves, il. 14 pl. map. ([Publication] 153.) [The 3 leaves given in the collation consist of request coupons which are detachable.] † Cloth, $1.80 (information incorrect in publication as to sale by Superintendent of Documents). N 6.8 : 153/931

Navigation. Useful tables from American practical navigator. 1931. iii+278–289+429–852 p. large 8° ([Publication] 9, pt. 2.) [Includes Navigational forms, Appendix 2 of part 1 of American practical navigator, edition of 1928.] † Cloth, $1.50.
L. C. card 31–27099 N 6.8 : 9–2/931

Notice to aviators 11 and 12, 1931; June 1 and 15 [1931]. 1931. 12 leaves and 18 leaves, 12° [Semimonthly.] †
L. C. card 20–26958 N 6.25 : 931/11, 12

Notice to mariners 23–26, 1931; June 6–27 [1931]. [1931.] [xli]+680–803 leaves. [Weekly.] † N 6.11 : 931/23–26

Tide calendars. Tide calendar [for Baltimore (Fort McHenry) and Cape Henry], July, 1931. 1931. 1 p. 4° [Monthly.] † N 6.22/2 : 931/7

—— Tide calendar [for Norfolk Navy Yard and Newport News, Va.], July, 1931. 1931. 1 p. 4° [Monthly.] † N 6.22/1 : 931/7

Aviation charts

Philadelphia, Pa.–Norfolk, Va.; with inset, Chesapeake-Delaware Canal; aviation chart V–233. Scale 10 naut. m.=1.5 in., 10 stat. m.=1.3 in., natural scale 1 : 500,000 at lat. 37° 28′. Washington, Hydrographic Office, published Feb. 1927, 3d edition, May, 1931. 31.2×12 in. [Contains text and illustrations on reverse.] † 40c. N 6.27 : V–233/3d ed.

Charts

Africa. West coast of Africa, Lüderitz Bay to Prince of Wales Bay, from German surveys between 1898 and 1903, with additions to 1927 [with insets]; chart 2320. Natural scale 1 : 96,883. Washington, Hydrographic Office, published Aug. 1906, 4th edition, Apr. [1931]. 37.7×27.9 in. † 50c.
N 6.18 : 2320

Big Bay.
Hottentot Bay.
Lüderitz Bay.
Possession Road.
Prince of Wales Bay.

Cuba. North coast of Cuba, W. I., Cayo Paredon Grande to Punta Maternillos, from survey by U. S. S. Nokomis in 1929 and 1930; chart 2627. Natural scale 1 : 144,558 at lat. 22° 10′. Washington, Hydrographic Office, May, 1931. 31.2×44.1 in. † 60c. N 6.18 : 2627

Elbe River, Germany, North Sea, outer light vessel to Brunsbuttelkoog, from latest German surveys [with insets]; chart 4908. Natural scale 1 : 53,341 at lat. 53° 55′. Washington, Hydrographic Office, published Mar. 1915, 13th edition, Apr. 1931. 25.1×47.3 in. † 50c. N 6.18 : 4908

Brunsbuttelkoog, Kaiser Wilhelm Canal entrance.
Cuxhaven Road.

Fusan Ko and approaches, Chosen (Korea), southeast coast, Asia, from Japanese survey in 1917; chart 5312. Scale naut. m.=4 in., natural scale 1:18,199. Washington, Hydrographic Office, published Aug. 1922, 2d edition, June, 1931. 38.9×25.9 in. † 50c. N 6.18:5312

Ice. Ice supplement to Hydrographic bulletin; issue 296. Scale 1° long.=0.3 in. Washington, Hydrographic Office [1931]. 8.9×11.8 in. [To accompany Hydrographic bulletin 2178, June 3, 1931.] † N 6.3/2:296

—— Same; issue 297. Scale 1° long.=0.3 in. Washington, Hydrographic Office [1931]. 8.9×11.8 in. [To accompany Hydrographic bulletin 2179, June 10, 1931. Discontinued with this issue until dangerous ice conditions make it again necessary.] † N 6.3/2:297

Irish Sea with St. Georges and North channels and Bristol Channel, England and Ireland, from British surveys to 1930; chart 4436. Natural scale 1:497,638 at lat. 53° 30′. Washington, Hydrographic Office, published May, 1915, 16th edition, May, 1931. 46.7×28.3 in. † 60c. N 6.18:4436

Liverpool, England. Port of Liverpool, England, west coast, including River Mersey to Runcorn, from surveys by Marine Surveyor of Mersey Docks and Harbor Board to 1930; with inset, Continuation to Runcorn; chart 4568. Scale naut. m.=3.6 in., natural scale 1:20,570. Washington, Hydrographic Office, published Oct. 1926, 3d edition, Apr. 1931. 39.3×26.3 in. † 50c. N 6.18:4568

Pacific Ocean. North Pacific Ocean, middle part; chart 528. Natural scale 1:5,990,157 at lat. 35°. Washington, Hydrographic Office, published Oct. 1919, 7th edition, May, 1931. 46×32.1 in. [Magnetic variation curves are for 1930.] † 60c. N 6.18:528

Penang Harbor and approaches, Malakka Strait, Asia, from British surveys between 1884 and 1929, with additions from earlier British surveys; chart 2803. Scale naut. m.=1.5 in., natural scale 1:50,000. Washington, Hydrographic Office, published Apr. 1912, 6th edition, Apr. 1931. 38.6×26.1 in. † 50c. N 6.18:2803

Pilot charts. Pilot chart of Central American waters, July, 1931; chart 3500. Scale 1° long.=0.7 in. Washington, Hydrographic Office, June 17, 1931. 23.3×35.1 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c. N 6.24:931/7

NOTE.—Contains on reverse: Tropical cyclones of eastern north Pacific Ocean; by Willis Edwin Hurd.

—— Pilot chart of Indian Ocean, Aug. 1931; chart 2603. Scale 1° long.=0.2 in. Washington, Hydrographic Office, June 12, 1931. 22.5×31 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c. N 6.17:931/8

—— Pilot chart of north Atlantic Ocean, July, 1931; chart 1400. Scale 1° long.=0.27 in. Washington, Hydrographic Office, June 16, 1931. 23×31.8 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c.
L. C. card 14–16339 N 6.15/1:931/7

NOTE.—Contains on reverse: Current chart of north Atlantic Ocean, July, covering track of low-powered steamers between Straits of Florida and English Channel.

—— Pilot chart of north Pacific Ocean, Aug. 1931; chart 1401. Scale 1° long.=0.2 in. Washington, Hydrographic Office, June 15, 1931. 23.7×35.3 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c. N 6.16:931/8

NOTE.—Contains on reverse: Tropical cyclones of eastern north Pacific Ocean; by Willis Edwin Hurd.

—— Pilot chart of upper air, north Atlantic Ocean, July, 1931; chart 1400a. Scale 1° long.=0.27 in. Washington, Hydrographic Office, June 20, 1931. 23×31.8 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c. N 6.28:931/7

NOTE.—Contains on reverse: Index of aviation maps and charts published by Hydrographic Office, Navy, Air Corps, Army, [and] Department of Commerce, revised July 1, 1931.

Pilot charts—Continued.

—— Pilot chart of upper air, north Pacific Ocean, Aug. 1931; chart 1401a. Scale 1° long.=0.2 in. Washington, Hydrographic Office, June 20, 1931. 23.8×35.4 in. [Monthly. Certain portions of the data are furnished by the Weather Bureau.] † 10c. N 6.29: 931/8

NOTE.—Contains on reverse: Index of aviation maps and charts published by Hydrographic Office, Navy, Air Corps, Army, [and] Department of Commerce, revised July 1, 1931.

Radio stations. Chart showing location of Army and Navy radio stations and Navy radio compass stations, and naval district boundaries with their terminal points [with insets]; chart 5172. Scale 100 stat. m.=1.2 in. Washington, Hydrographic Office, published June, 1919, 13th edition, May, 1931. 28.1×44.7 in. † 50c. N 6.18: 5172

Alaska; with inset, Aleutian Islands.
Guam.
Haiti, Island of.
Hawaiian Islands.
[Massachusetts, Southeastern, and entrance to Long Island Sound.]
[New York City, Vicinity of.]
[Norfolk, Vicinity of.]
Panama Canal.
Philippine Islands; with inset, Manila Bay.
Porto Rico and Virgin Islands.
[Puget Sound Navy Yard, Vicinity of.]
[San Francisco, Vicinity of.]
Tutuila.

Sarawak River, Borneo, northwest coast, China Sea, from British surveys between 1844 and 1929, with additions from other sources; with inset, Part of Sarawak River, from British survey in 1863; chart 3047. Scale naut. m.=1 in., natural scale 1: 72,872. Washington, Hydrographic Office, published Oct. 1916, 2d edition, Apr. 1931. 25.8×38.6 in. † 40c. N 6.18: 3047

Susaki, Japan. Approaches to Susaki Ko, Shikoku, south coast, Japan, from Japanese survey in 1928; with inset, Susaki Ko; chart 1535. Scale naut. m.=2.9 in., natural scale 1: 25,000. Washington, Hydrographic Office, published Apr. 1896, 8th edition, May, 1931. 26.9×19.9 in. † 20c. N 6.18: 1535

Tela, Honduras. Bahia de Tela, Honduras, north coast, Central America, from survey by U. S. S. Rochester in 1924, with additions from other sources; chart 5387. Scale 2,000 yds.=5.9 in., natural scale 1: 12,160. Washington, Hydrographic Office, published Apr. 1925, 2d edition, June, 1931. 21.6×26.7 in. † 20c. N 6.18: 5387

Valletta harbors, Malta, Mediterranean Sea, from British surveys between 1917 and 1930; chart 2466. Scale naut. m.=15.2 in., natural scale 1: 4,840. Washington, Hydrographic Office, published June, 1918, 5th edition, May, 1931. 36.3×27 in. † 40c. N 6 18: 2466

Yangtze River. Approaches to Yangtze River, China, from surveys by Chinese Maritime Customs between 1916 and 1930; chart 3218. Natural scale 1: 121,192. Washington, Hydrographic Office, published May [Mar.], 1916, 12th edition, Apr. 1931. 28.5×40.3 in. † 50c. N 6 18: 3218

NAUTICAL ALMANAC OFFICE

American ephemeris and nautical almanac, [calendar] year 1933. 1931 xvii+807 p. il. 2 maps, large 8° * Cloth, $1.75.
L. C. card 7-35435 N 11.5: 933

NOTE.—Beginning with this volume, the short period terms of nutation are included in the sidereal time of 0^h Greenwich civil time, and this time is given to thousandths of a second. The mean and apparent places of 36 additional stars are given, making a total of 871 stars.

Eclipses. Total eclipse of the sun, Aug. 31, 1932. 1931. 31 p. 2 p. of pl. 2 maps (1 is in pocket). [Supplement to American ephemeris and nautical almanac. 1932.] * Paper, 25c. N 11.5: 932/2

NAVAL ACADEMY

Address of Ernest Lee Jahncke, assistant Secretary of Navy, before graduating class of Naval Academy, June 4, 1931. [1931.] [1]+5 p. † N 12.2: J 19

Report of board of visitors to Naval Academy, Annapolis, Md., May 14, 1931. 1931. [1]+9 p. †
L. C. card 8-7222 N 12.1/1:931

SUPPLIES AND ACCOUNTS BUREAU

Lubricating-oils. [Contract bulletin relating to] contracts for lubricating oils, fiscal year 1932, general specifications and conditions governing all contracts [for furnishing lubricating oils for naval service and for other Departments and establishments of Federal Government]; June 20, 1931. [1931.] 11 p. 4° ‡ N 20.18:931

Memoranda. Bureau of Supplies and Accounts memoranda, 1931. 1931. xii+433 p.+[2] folded leaves, il. [Issued in loose-leaf form for insertion in binder. This volume supersedes nos. 1-343 of Memoranda for information of officers of Supply Corps, commanding officers, and commandants.] ‡
N 20.7/3:931

—— Bureau of Supplies and Accounts memoranda 344; May 1, 1931. May. 1931. 49 p. il. [Monthly. Formerly Memoranda for information of officers of Supply Corps, commanding officers, and commandants. Issued in loose-leaf form for insertion in Bureau of Supplies and Accounts memoranda, 1931.] ‡ N 20.7/1:344

Supply Corps, Navy. Index, v. 15 [to Memoranda for information of officers of Supply Corps, commanding officers, and commandants] Memoranda 317-343 (Jan. 1, 1929-Mar. 1, 1931). [1931.] 9 p. 12° ‡ N 20.7/2:929-931

PAN AMERICAN UNION

NOTE.—The Pan American Union sells its own monthly bulletins, booklets, etc., at prices usually ranging from 5c. to $2.50. The price of any edition of the Bulletin is 25c. a single copy, the English edition is $2.50 a year, the Spanish edition $2.00 a year, the Portuguese edition $1.50 a year; there is an additional charge of 75c. a year on each edition for countries outside the Pan American Union. Beginning with Jan. 1925, the Pan American Union began the publication of 4 series, in Spanish and Portuguese, on the following subjects: Agriculture; Education; Finance, industry and commerce; Public health and social welfare. The Spanish series is issued monthly and the Portuguese bimonthly. They are not published in English. The subscription price is 50c. for 12 issues of any one of these series; single copies of any series, 5c. Address the Pan American Union, Washington, D. C.

Archaeology. Summary of archaeological work in the Americas during 1929 and 1930, published by Pan American Union in compliance with resolution of 5th International Conference of American States for Preservation of Archaeological Remains. [1931.] [1]+52+[1] p. il. (American archaeology series no. 5.) † Paper, 5c. PA 1.20:e5

CONTENTS.—1, Mexico and Central America; by Frans Blom.—2, Archælogical work in South America during 1929; by Erland Nordenskiöld.—3, Archæological work in North America; by Carl E. Guthe.

Bulletin (English edition). Bulletin of Pan American Union, June, 1931; [v. 65, no. 6]. [1931.] iv+573-680 p. il. [Monthly. For price, see note above under center head.]
L. C. card 8-30967 PA 1.6:e 65/6

—— Same. (H. doc. 701, pt. 6, 71st Cong. 3d sess.)

—— (*Portuguese edition*). Boletim da União Pan-Americana, Junho, 1931, edição em portuguez; [v. 33, no. 6]. [1931.] iv×377-452 p. il. [Monthly. The volume number is incorrectly given as 32 instead of 33 on p. 377. For price, see note above under center head.]
L. C. card 11-27014 PA 1.6:p 33/6

—— (*Spanish edition*). Boletín de la Unión Panamericana, Junio, 1931, edición española; [v. 65, no. 6.] [1931.] iv+543-674 p. il. [Monthly. For price, see note above under center head.]
L. C. card 12-12555 PA 1.6:s 65/6

Intellectual cooperation between the Americas; [by Heloise Brainerd]. [1931.] [1]+18 p. il. (Education series no. 15.) [From Bulletin, Apr. 1931.] † Paper, 5c. PA 1.11:15

Juvenile delinquency. La delincuencia infantil y su legislación en América; [por Carlos de Arenaza]. [1931.] ii+18 p. (Serie sobre salubridad pública y previsión social no. 62, Mayo de 1931.) [Del Boletín de la Unión Panamericana, Mayo, 1931.] † Paper, 5c.; subscription price for 12 issues of series, 50c. PA 1.15 : s 62

New York City. La ciudad de Nueva York en el futuro; [por Frank L. Hopkins]. [1931.] ii+14 p. il. (Serie sobre finanzas, industria y comercio no. 63, Mayo de 1931.) [Del Boletín de la Unión Panamericana, Mayo, 1931.] † Paper, 5c.; subscription price for 12 issues of series, 50c. PA 1.14 : s 63

Pan American Union. Fundación y desarrollo de la Unión Panamericana; [por Warren H. Kelchner]. [1931.] [2]+22 p. il. (Serie sobre historia no. 3.) [Del Boletín de la Unión Panamericana, Abril, 1931.] † Paper, 5c. PA 1.38 : s 3

—— Pan American Union in Pan American affairs; [by L. S. Rowe]. [1931.] [1]+6 p. (History series no. 5.) [From Bulletin, Apr. 1931.] † Paper, 5c. PA 1.38 : e 5

Platoon schools. Las escuelas platoon de la ciudad de Santa Mónica. [1931.] ii+10 p. il. (Serie sobre educación no. 71, Mayo de 1931.) [Del Boletín de la Unión Panamericana, Mayo, 1931. Traducido de the Platoon school, Diciembre-Enero-Febrero, 1929–30.] † Paper, 5c.; subscription price for 12 issues of series, 50c. PA 1.13 : s 71

Revenues, expenditures, and public debts of Latin American republics, 1930; [by H. Gerald Smith]. [1930.] [1]+58 p. (Finance series 2.) † Paper, 5c. PA 1.39 : 2

PANAMA CANAL

NOTE.—Although The Panama Canal makes its reports to, and is under the supervision of, the Secretary of War, it is not a part of the War Department.

Panama Canal record, v. 24, no. 44–47; June 3–24, 1931. Balboa Heights, C. Z. [1931]. p. 633–680. [Weekly.]
L. C. card 7–35328 W 79.5 : 24/44–47

NOTE.—The yearly subscription rate of the Panama Canal record is 50c. domestic, and $1.00 foreign (single issue 2c.), except in the case of Government departments and bureaus, Members of Congress, representatives of foreign Governments, steamship lines, chambers of commerce, boards of trade, and university and public libraries, to whom the Record is distributed free. The word "domestic" refers to the United States, Canada, Canal Zone, Cuba, Guam, Hawaii, Manua, Mexico, the Philippines, Porto Rico, Republic of Panama, Tutuila, and the Virgin Islands. Subscriptions will commence with the first issue of the Record in the month in which the subscriptions are received, unless otherwise requested. Remittances should be made payable to Disbursing Clerk, The Panama Canal, but should be forwarded to the Chief of Office, The Panama Canal, Washington, D. C. The name and address to which the Record is to be sent should be plainly written. Postage stamps, foreign money, and defaced or smooth coins will not be accepted.

GOVERNOR

Madden Dam, power plant and appurtenant works, Madden Dam project, Canal Zone. [1931.] cover-title, iv+85 p. 85 pl. 3 maps, 4° (Specifications 2665.) [Prepared by Reclamation Bureau, Interior Department. Consists of specifications, schedule, and drawings for Madden Dam project, bids to be received at Office of The Panama Canal, Washington, D. C., until Sept. 1, 1931. Usually the Specifications of The Panama Canal are for official use only and are not entered in this catalogue.] † Paper, $2.50, Panama Canal, Washington Office. W 79.11/6 : 2665

POST OFFICE DEPARTMENT

Letters. Proper sealing of letters for foreign countries; [issued by] 2d assistant Postmaster General. June 20, 1931. 1 p. oblong 48° † P 3.2 : L 56

Mail matter. Statement of mailing for metered matter; [issued by] 3d assistant Postmaster General. June 4, 1931. 1 p. oblong 32° † P 4.2 : M 56/6

Mail matter—Continued.

—— Undeliverable matter bearing sender's pledge to pay return postage to be promptly returned rated with postage chargeable for its return; [issued by] 3d assistant Postmaster General. June 2, 1931. 1 p. oblong 24° †
P 4.2 : Un 2/31

Money-orders. Stolen money-order forms; [issued by] 3d assistant Postmaster General. May 29, 1931. 1 p. narrow f° † P 4.2 : M 74/450

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 2, 1931. 1 p. narrow f° † P 4.2 : M 74/451

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 9, 1931. 1 p. narrow f° † P 4.2 : M 74/452

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 10, 1931. 1 p. narrow large 8° † P 4.2 : M 74/453

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 15, 1931. 1 p. narrow large 8° † P 4.2 : M 74/454

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 16, 1931. 1 p. narrow large 8° † P 4.2 : M 74/455

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 17, 1931. 1 p. narrow f° † P 4.2 : M 74/456

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 20, 1931. 1 p. narrow f° † P 4.2 : M 74/457

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 24, 1931. 1 p. narrow large 8° † P 4.2 : M 74/458

—— Stolen money-order forms; [issued by] 3d assistant Postmaster General. June 27, 1931. 1 p. narrow large 8° † P 4.2 : M 74/459

Postal bulletin, v. 52, no. 15615–640; June 1–30, 1931. [1931.] various paging, f° [Daily except Sundays and holidays.] * Paper, 5c. single copy, $2.00 a yr.
L. C. card 6–5810 P 1.3 : 52

Postal guide. United States official postal guide, 4th series, v. 10, no. 12; June, 1931, monthly supplement. [1931.] cover-title, 78+[2] p. il. [Includes Changes 166–173 affecting United States official postal guide for July, 1930, and Inserts 673–685 to Postal laws and regulations of United States, edition of 1924. Text on p. 2–4 of cover.] * Official postal guide, with supplements, $1.50, foreign subscription, $1.75; July issue, $1.00; supplements published monthly (11 pamphlets) 50c., foreign subscription, 75c.
L. C. card 4–18254 P 1.10/1 : 930/12

Retirement. Provisions, retirement act [of May 29, 1930]. May 13, 1931. 1 p. narrow large 8° † P 1.2 : R 31/5

Travel regulations for postal service. June 19, 1931. 1 p. (Order 1254.) †
P 1.19/2 : 1254

War savings securities; [issued by] 3d assistant Postmaster General. June 24, 1931. 1 p. narrow f° † P 4.2 : W 19/16

ACCOUNTS BUREAU

NOTE.—The Bureau of Accounts, under the direction of a Comptroller, was established under the provisions of an act of Congress approved June 10, 1921. It is charged with the administrative examination of the accounts and vouchers of the postal service formerly imposed by law upon the Auditor for the Post Office Department.

Instructions to postmasters for reporting personnel changes beginning July 1, 1931; [issued by] Office of Comptroller. June 22, 1931. 1 p. narrow f° †
P 22.2 : P 43

COMPTROLLER'S OFFICE

See, above, Accounts Bureau

EQUIPMENT AND SUPPLIES DIVISION

Postal supplies. List of postal supplies furnished post offices of 1st and 2d classes, post office inspectors, and Railway Mail Service. June 1, 1931. ii+1-2 p.+leaves 3-66. ‡ P 18.2: P 84/2/931

INTERNATIONAL POSTAL SERVICE DIVISION

Steamboats. Schedule of steamers appointed to convey mails from United States to foreign countries, also to Territory of Hawaii and to possessions of United States, schedule of air mail routes available for dispatch of articles mailed in United States to and in foreign countries, July, 1931. [June 23, 1931.] 12 p. f° [Monthly.] * Paper, 5c, single copy, 50c. a yr.; foreign subscription, 75c.
L. C. card 25-26231 P 8.5: 931/7

RAILWAY MAIL SERVICE

Mail routes. Schedule of mail routes, no. 109, May 15, 1931, 13th division, Railway Mail Service, comprising Alaska, Idaho, Montana, Oregon, and Washington. [Seattle P. O., May 25, 1931.] 112 p. narrow 8° ‡ P 10.12/13: 109

—— Schedule of mail routes, no. 133, June 19, 1931, 14th division, Railway Mail Service, comprising Nebraska, Colorado, and Wyoming. Klopp Printing Co., Omaha [June 19, 1931]. 112 p. narrow 8° ‡ P 10.12/14: 133

—— Schedule of mail routes, no. 422, May 22, 1931, 8th division, Railway Mail Service, comprising Arizona, California, Hawaii, Nevada, and Utah. San Francisco P. O. [May 28, 1931]. 144 p. narrow 8° ‡ P 10.12/8: 422

—— Schedule of mail routes, no. 485, June 2, 1931, 3d division, Railway Mail Service, comprising District of Columbia, Maryland, North Carolina, Virginia, and West Virginia (except peninsula of Maryland and Virginia). 1931. 156 p. narrow 8° ‡ P 10.12/3: 485

—— Schedule of mail routes, no. 485, June 17, 1931, 5th division, Railway Mail Service, comprising Ohio, Indiana, and Kentucky. S. Rosenthal & Co., Inc., Cincinnati, O., [June 17] 1931. 172 p. narrow 8° ‡ P 10.12/5: 485

—— Schedule of mail routes, no. 491, May 25, 1931, 7th division, Railway Mail Service, comprising Kansas and Missouri. Security Printing Co, St. Louis, Mo., [May 25] 1931. 141+[1] p. narrow 8° ‡ P 10.12/7: 491

—— Schedule of mail routes, no. 509, June 26, 1931, 9th division, Railway Mail Service, comprising lower peninsula of Michigan, main line of New York Central R. R. between New York, N. Y., and Chicago, Ill., and collateral lines that may be designated. J B. Savage Company, Cleveland, Ohio [June 26, 1931]. 108 p. narrow 8° ‡ P 10.12/9: 509

—— Schedule of mail routes, no. 513, May 27, 1931, 6th division, Railway Mail Service, comprising Illinois and Iowa. Chicago Printers, Inc. [May 27, 1931]. 169+[1] p. narrow 8° ‡ P 10.12/6: 513

—— Schedule of mail routes, no. 541, June 20, 1931, 4th division, Railway Mail Service, comprising Alabama, Florida, Georgia, South Carolina, and Tennessee. Lyon-Young Printing Co, Atlanta [June 20, 1931]. 136 p. narrow 8° ‡ P 10.12/4: 541

TOPOGRAPHY DIVISION

NOTE.—The Division of Topography has prepared rural-delivery maps of counties in which rural delivery is completely established. They are published in two forms, one giving simply the rural free delivery routes starting from a single given post office, and sold at 75 cents each; the other, the rural free delivery routes in an entire county, sold at 50 cents each. A uniform scale of 1 inch to one mile is used. Editions are not issued, but blue print copies are produced in response to special calls addressed to the Disbursing Clerk, Post Office Department, Washington, D. C. These maps should not be confused with the post route maps, for which see Monthly catalogue for February, 1931, page 733.

How to order publications—See information following Contents

PRESIDENT OF UNITED STATES

Addresses. Address of President Hoover at dedication of remodeled tomb of Abraham Lincoln, Springfield, Ill., June 17, 1931. 1931. [1]+3 p. †
L. C. card 31-27125 Pr 31.2 : L 63/2

—— Address of President Hoover at dinner of Indiana Republican Editorial Association, Indianapolis, Ind., June 15, 1931. 1931. [1]+11 p. †
L. C. card 31-27126 Pr 31.2 : In 2

—— Address of President Hoover by radio from his camp on the Rapidan in connection with dedication of Cornell University war memorial at Ithaca, N. Y., May 23, 1931. 1931. [1]+2 leaves. †
L. C. card 31-27100 Pr 31.2 : C 81

—— Address of President Hoover on occasion of celebration of 50th anniversary of American National Red Cross, Washington, D. C., May 21, 1931. 1931. [1]+2 leaves. †
L. C. card 31-27101 Pr 31.2 : R 24

Alaska. Executive order, restoration of certain lands from salmon hatchery reservation, Alaska. June 8, 1931. 1 p. f° (No. 5641.) * Paper, 5c.
Pr 31.5 : Al 12/41

Alien Property Custodian. Executive order, vesting certain power and authority in Alien Property Custodian. June 8, 1931. 1 p. f° (No. 5645.) * Paper, 5c. Pr. 31.5 : Al 42/3

Arizona. Executive order, public water restoration no. 69, Arizona. June 22, 1931. 1 p. f° (No. 5655.) * Paper, 5c. Pr 31.5 : Ar 47/12

Bells. Increasing rate of duty on bells, proclamation [authorizing certain increase in duty on bells, in order to equalize differences in costs of production in United States and Germany]. [June 24, 1931.] 2 p. f° ([No. 1954.]) * Paper, 5c. Pr 31.7 : B 417

California. Executive order, withdrawal of public lands for municipal water supply, California. [May 26, 1931.] 4 p. f° ([No. 5631.]) * Paper, 5c.
Pr 31.5 : C 128/31

—— Executive order, withdrawal of public lands for resurvey, California. May 28, 1931. 1 p. f° (No. 5633.) * Paper, 5c. Pr 31.5 : C 128/32

—— Executive order, withdrawal of public lands for resurvey, California. June 8, 1931. 1 p. f° (No. 5640.) * Paper, 5c. Pr 31.5 : C 128/33

Colorado. Executive order, power-site restoration no. 462, Colorado. June 20, 1931. 1 p. f° (No. 5653.) * Paper, 5c. Pr 31.5 : C 719/30

—— Executive order, withdrawal of public lands for resurvey, Colorado. June 18, 1931. 1 p. f° (No. 5652.) * Paper, 5c. Pr 31.5 : C 719/29

Eggs. Increasing rate of duty on dried whole eggs, dried egg yolk, and dried egg albumen, proclamation [authorizing certain increase in duty on dried whole eggs, dried egg yolk, and dried egg albumen, in order to equalize differences in costs of production in United States and China]. [June 24, 1931.] 2 p. f° ([No. 1956.]) * Paper, 5c. Pr 31.7 : Eg 39

Executive orders. Executive order, form, style, and safeguarding of Executive orders and Proclamations. June 24, 1931. 1 p. f° (No. 5658.) [Supersedes Executive order no. 5220, Nov. 8, 1929.] * Paper, 5c. Pr 31.5 : St 99/2

Foreign service. Executive order, accounts and returns, foreign service. [June 11, 1931.] 3 p. f° ([No. 5648.]) * Paper, 5c. Pr 31.5 : F 761/22

—— Executive order, administration of foreign service. [June 8, 1931.] 24 p. f° ([No. 5642.]) [Supersedes regulations established in Executive order no. 5189, dated Sept. 11, 1929.] * Paper, 5c. Pr 31 5 : F 761/19

—— Executive order, designation of unhealthful posts in foreign service. [June 8, 1931.] 2 p. f° ([No. 5644.]) * Paper, 5c. Pr 31.5 : F 761/21

Foreign service—Continued.

—— Executive order, regulations governing representation and post allowances [to ambassadors, ministers, diplomatic, consular, and foreign service officers, effective July 1, 1931]. [June 8, 1931.] 3 p. f° ([No. 5643.]) [Supersedes regulations established by Executive order dated July 22, 1930.] * Paper, 5c. Pr 31.5 : F 761/20

Furniture. Decreasing rate of duty on bent-wood furniture, proclamation [authorizing certain decrease in duty on bent-wood furniture, in order to equalize differences in costs of production in United States and Czechoslovakia]. [June 24, 1931.] 2 p. f° ([No. 1958.]) * Paper, 5c. Pr 31.7 : F 981

Hawaii. Executive order, restoring to Hawaii part of Keaahala military reservation. [June 4, 1931.] 2 p. f° ([No. 5637.]) * Paper, 5c. Pr 31.5 : H 31/17

Hemp. Increasing rate of duty on hemp cordage, proclamation [authorizing certain increase in duty on hemp cordage, in order to equalize differences in costs of production in United States and Italy]. [June 24, 1931.] 2 p. f° ([No. 1955.]) * Paper, 5c. Pr 31.7 : C 811

Immigration quotas, proclamation [establishing annual quota of each nationality, for fiscal year beginning July 1, 1931, and for each fiscal year thereafter]. [June 19, 1931.] 3 p. f° ([No. 1953.]) [Supersedes Proclamation of Mar. 22, 1929.] * Paper, 5c. Pr 31.7 : Im 6/2

Income tax. Executive order, inspection of income-tax returns. June 9, 1931. 4 p. f° (No. 5647.) * Paper, 5c. Pr 31.5 : In 2/2

Landt, Arthur B. Executive order, appointment of Arthur B. Landt. June 2, 1931. 1 p. f° (No. 5635.) * Paper, 5c. Pr 31.5 : L 239

Mays, Mrs. Helen T. Executive order, appointment of Mrs. Helen Terrill Mays. June 12, 1931. 1 p. f° (No. 5649.) * Paper, 5c. Pr 31.5 : M 455

Minnesota. Executive order, partial revocation of withdrawal of public lands, Minnesota. June 18, 1931. 1 p. f° (No. 5651.) * Paper, 5c. Pr31.5 : M 666/4

Montana. Executive order, public water reserve no. 141, Montana. May 21, 1931. 1 p. f° (No. 5629.) * Paper, 5c. Pr 31.5 : M 762/15

National forests. Executive order, Duck Creek administrative-site addition, Montana [to be used in connection with administration of Helena National Forest]. June 20, 1931. 1 p. f° (No. 5654.) * Paper, 5c. Pr 31.5 : D 858

—— Executive order, transfer of lands from Mount Baker to Snoqualmie National Forest, Wash. June 1, 1931. 1 p. f° (No. 5634.) * Paper, 5c. Pr 31.5 : Sn 54

—— Executive order, transfer of lands from Selway to Bitterroot National Forest, Idaho. June 9, 1931. 1 p. f° (No. 5646.) * Paper, 5c. Pr 31.5 : B 548

North Dakota. Executive order, revocation of withdrawal of public lands for classification, North Dakota. May 27, 1931. 1 p. f° (No. 5632.) * Paper, 5c. Pr 31.5 : N 811/8

Olive-oil. Decreasing rate of duty on olive oil, proclamation [authorizing certain decrease in duty on olive oil, in order to equalize differences in costs of production in United States and Italy]. [June 24, 1931.] 2 p. f° ([No. 1959.]) * Paper, 5c. Pr 31.7 : Ol 4

Oregon. Executive order, public water reserve no. 142, Oregon. June 18, 1931. 1 p. f° (No. 5650.) * Paper, 5c. Pr 31.5 : Or 3/23

Pipe-organs. Decreasing rates of duty on pipe organs, proclamation [authorizing certain decrease in duty on pipe organs, in order to equalize differences in costs of production in United States and Canada]. [June 24, 1931.] 2 p. f° ([No. 1957.]) * Paper, 5c. Pr 31.7 : Or 14

Radio stations. Executive order, assignment of frequencies to Government radio stations. [June 8, 1931.] 27 p. f° ([No. 5638.]) [Supersedes Executive order 5197 A, Sept. 30, 1929.] * Paper, 5c. Pr 31.5 : R 118/2

Veterans' Administration. Executive order, classification of attorney positions in Veterans' Administration by revocation of paragraph 1 of sec. 9, Schedule B, civil-service rules. June 3, 1931. 1 p. f° (No. 5636.) * Paper, 5c. Pr 31.5 : C 499/21

Virgin Islands. Executive order, placing certain Government property in Virgin Islands under control and jurisdiction of Department of Interior. [Apr. 20, 1931.] 2 p. 4 maps, f° ([No. 5602.]) * Paper, 10c. Pr 31.5 : V 819/5

Washington State. Executive order, transferring control and administration of public lands to Secretary of Interior and reserving part for lighthouse purposes, Washington. May 25, 1931. 1 p. f° (No. 5630.) * Paper, 5c. Pr 31.5 : W 279/10

Wyoming. Executive order, transfer of land for aviation field, Wyoming. June 8, 1931. 1 p. f° (No. 5639.) * Paper, 5c. Pr 31.5 : W 994/21

—— Executive order, withdrawal of public lands for resurvey, Wyoming. June 22, 1931. 1 p. f° (No. 5656.) * Paper, 5c. Pr 31.5 : W 994/22

SHIPPING BOARD

Commerce. Comparative summary of water borne foreign commerce, with graphic charts, calendar years Jan. 1, 1921–Dec. 31, 1930 [and fiscal years July 1, 1921–Dec. 31, 1930; prepared in] Bureau of Research. Apr. 18, 1931. 2 leaves, 4 pl. oblong large 8° (Report B. R. 399.) [Quarterly. Figures subject to revision.] † SB 7.5/399 : 930/4

Imports and exports. Imports and exports of commodities by United States coastal districts and foreign trade regions, Nov. 1930; [prepared in] Bureau of Research. [Apr. 10] 1931. 10 leaves, oblong large 8° (Report B. R. 275.) [Monthly. Figures subject to revision.] † SB 7.5/275 : m 930/11

—— Same, Dec. 1930; [prepared in] Bureau of Research. [Apr. 28] 1931. 10 leaves, oblong large 8° (Report B. R. 275.) [Monthly. Figures subject to revision.] † SB 7.5/275 : m 930/12

Intercoastal traffic. United States water borne intercoastal traffic by ports of origin and destination and principal commodities, Oct.–Dec. 1930; [prepared in] Bureau of Research. [Apr. 13] 1931. 13 leaves, oblong large 8° (Report B. R. 317.) [Quarterly. Figures subject to revision.] † SB 7.5/317 : q 930/3

Iron. Docket no 61, R. A. Ascher & Company *v.* International Freighting Corporation; [decided Mar. 31, 1931; report and order of board]. 1931. [1]+213–216+[1] p. [Report from Shipping Board reports, v. 1.] † SB 1.10/a : As 24

Passenger traffic. Water borne passenger traffic of United States (includes traffic in vessels of all flags), Oct.–Dec. 1930; [prepared in] Bureau of Research. [May 14, 1931.] [1]+25 leaves, oblong large 8° (Report B R. 157.) [Quarterly. Figures subject to revision.] † SB 7.5/157 : q 930/4

SHIPPING BOARD MERCHANT FLEET CORPORATION

Merchant marine bulletin, v. 5, no. 1; June, 1931. n. p. [1931]. 32 p. il large 8° [Monthly.] † SB 2.16 : 5/1

Ships. Schedule of sailings [Shipping Board vessels, general cargo, passenger, and mail services] June 1–July 15, 1931 [no. 115; issued by Traffic Department]. [1931.] 8 p. 4°, folded into narrow 8° size. [Monthly.] †
L. C. card 23–26331 SB 2.14 : 931/6

SMITHSONIAN INSTITUTION

NOTE.—In a recent price-list, the Smithsonian Institution publishes this notice: "Applicants for the publications in this list are requested to state the grounds for their requests, as the Institution is able to supply papers only as an aid to the researches or studies in which they are *especially* interested. These papers are distributed *gratis*, except where price is given, and should be ordered by the *publication numbers* arranged in *sequence*. The serial publications of the Smithsonian Institution are as follows: 1, Smithsonian contributions to knowledge; 2, Smithsonian miscellaneous collections; 3, Smithsonian annual reports. No *sets* of these are for sale or distribution, as most of the volumes are out of print. The papers issued in the series of Contributions to knowledge and Miscellaneous collections are distributed without charge to public libraries, educational establishments, learned societies, and specialists in this country and abroad; and are supplied to other institutions and individuals at the prices indicated. Remittances should be made payable to the 'Smithsonian Institution.' The Smithsonian report volumes and the papers reprinted in separate form therefrom are distributed *gratuitously* by the Institution to libraries and individuals throughout the world. Very few of the Report volumes are now available at the Institution, but many of those of which the Smithsonian edition is exhausted can be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. The Institution maintains mailing-lists of public libraries and other educational establishments, but no *general mailing-list of individuals*. A library making application to be listed for Smithsonian publications should state the number of volumes which it contains and the date of its establishment, and have the endorsement of a Member of Congress."

The annual reports are the only Smithsonian publications that are regularly issued as public documents. All the others are paid for from the private funds of the Institution, but as they are usually regarded as public documents and have free transmission by mail they are listed in the Monthly catalogue.

Fossils. Addenda to descriptions of Burgess shale fossils, by Charles D. Walcott; with explanatory notes by Charles E. Resser. Washington, Smithsonian Institution, June 29, 1931. [2]+46 p. il. 23 p. of pl. (Publication 3117; Smithsonian miscellaneous collections, v. 85, no. 3.) † Paper, 55c.
SI 1.7:85/3

Publications. Classified list of Smithsonian publications available for distribution, May 22, 1931; compiled by Helen Munroe. Washington, Smithsonian Institution, 1931. iv+[1]+30 p. (Publication 3119.) [This list does not include publications issued by the National Museum and the Bureau of American Ethnology.] †
L. C. card 31-27127 SI 1.8:931

NATIONAL MUSEUM

NOTE.—The publications of the National Museum comprise an annual report and three scientific series, viz., Proceedings, Bulletins, and Contributions from national herbarium. The editions are distributed to established lists of libraries, scientific institutions, and specialists, any surplus copies being supplied on application. The Proceedings are usually brief technical papers and the Bulletins generally monographs based on the Museum collections in biology, geology, and anthropology. No sets of any of these series can now be furnished.

Beginning with v. 66, the binding of volumes of Proceedings in either paper or cloth was discontinued. The separate papers will be sent to depository libraries and to others designated to receive them, as issued, and a title-page and index will be published for each volume so that the volume may be bound if desired.

Nematoid worms. Description of new genus and species of nematode worm occurring in northwestern belted kingfisher, with key to genera of subfamily Acuariinae [and with list of references]; by Everett E. Wehr. 1931. cover-title, 4 p. il. (Proceedings, v. 79, art. 5; no. 2871.) † SI 3.6:2871

—— New species of nematode worm from sage grouse [with list of references]; by Everett E. Wehr. 1931. cover-title, 3 p. il. (Proceedings, v. 79, art. 3; no. 2869.) † SI 3.6:2869

Oysters. New pearl oyster from Hawaiian Islands; by Paul Bartsch. 1931. cover-title, 2 p. 2 p. of pl. (Proceedings, v. 79, art. 12; no. 2878.) †
SI 3.6:2878

STATE DEPARTMENT

NOTE.—With the Press releases, the Department of State has inaugurated a new publication program. The daily mimeographed releases are made available to the public weekly in printed form; also, all publications (except laws, Executive orders, proclamations, and treaties) are numbered consecutively in the order in which they are sent to press. Publications of a similar character are brought within well-defined series, and

each series publication bears a series number in addition to its publication number. Laws, Executive orders, and proclamations are issued in separate series and are numbered within each series in the order in which they are signed. Treaties are issued in a separate series and are numbered in the order in which they are proclaimed. Indexes to the Press releases are supplied semiannually, as of December 31 and June 30. The Department of State includes in the Press release series, each quarter, a complete list of its publications for the preceding quarter.

The list below frequently includes certain relevant publications issued by other agencies of the Government under requisition of the Department of State and certain relevant Congressional documents.

Under the practice of the State Department prior to the inauguration of the Executive agreement series (no. 18 of which is listed below) the material would have been published in the Treaty series. Those desiring to maintain a joint file of the Treaty series and the Executive agreement series may insert each number of the Executive agreement series in its appropriate place in the Treaty series, which place will be indicated in each number of the Executive agreement series.

Claims, arrangement between United States and Spain, effected by exchange of notes; signed Aug. 24, 1927, May 13 and June 20, 1929. 1931. [2]+3 p. (Executive agreement series 18; [Publication 193].) [Note from Spanish Ambassador (Padilla) to Secretary of State (Stimson) is in Spanish and English.] * Paper, 5c.
L. C. card 31-27024 S 9.8:18

NOTE.—Those who desire to file the Executive agreement series with the Treaty series should file Executive agreement series 18 after Treaty series 789.

Consular mailing list of foreign service of United States, June 1, 1931. 1931. [2] p.+11 leaves, narrow 8° ([Publication 189.]) ‡ S 1.19:931

Consular regulations [of United States, annotated: article 22, Immigration and quarantine, reprint of portion of article, with corrections]. Apr. 1931. p. 3-22d [of article 22]. [Issued in loose-leaf form for insertion in Consular regulations.] ‡ S 1.5:931/Apr. 931

Diplomatic list, June, 1931. [1931.] cover-title, ii + 46 p. 24° ([Publication 197.]) [Text on p. 2 of cover.] * Paper, 5c. single copy, 50c. a yr.; foreign subscription, 65c.
L. C. card 10-16292 S 1.8:931/6

Executive agreement series. See, above, note under center head, State Department.

Halibut. Preservation of halibut fishery of northern Pacific Ocean and Bering Sea, convention between United States and Canada; signed Ottawa, May 9, 1930, proclaimed May 14, 1931. 1931. [1]+4 p. (Treaty series 837.) * Paper, 5c.
L. C. card 31-27075 S 9.5/2:C 16/3

Preparatory Commission for Disarmament Conference. Report of Preparatory Commission for Disarmament Conference and draft convention. 1931. iii+102+[2] p. (Conference series 7; [Publication 192].) * Paper, 20c.
L. C. card 31-27041 S 5.30:7

Press releases, weekly issue no. 88-91; June 6-27, 1931. [1931.] p. 425-513. (Publication 198, 201, 202, and 203.) [Weekly issue no. 91 includes list of Publications of Department of State during quarter beginning Apr. 1, 1931. See also note above under center head, State Department.] * Paper, 5c. single copy, $1.50 a yr.; foreign subscription, $2.50.
L. C. card 29-26868 S 1.25:88-91

Treaty information, bulletin 20, May 31, 1931; compiled by Treaty Division. 1931. iv+29 p. ([Publication 199.]) [Monthly. The period covered is the calendar month preceding the date given.] * Paper, 5c. single copy, 50c. a yr.; foreign subscription, 75c.
L. C. card 29-27547 S 9.7:20

Women. Act of Sept. 22, 1922 [relative to naturalization and citizenship of married women], as amended by acts of July 3, 1930, and Mar. 3, 1931. [1931.] 3 p. * Paper, 5c. S 7.2:W 84

SUPREME COURT

[*Journal*] June 1, 1931; [slips] 103-106. [1931.] leaves 344-372. ‡
Ju 6.5:930

Olympia Shipping Corporation. Petition and transcript of record, Oct. term, 1930, no. 968, United States *vs.* Olympia Shipping Corporation, on petition for writ of certiorari to Court of Claims. [1931.] cover-title, i+41 p. ‡
Ju 6.7 : Ol 9

Opinions. [Cases adjudged in Supreme Court at Oct. term, 1926.] [Issued separately.] † Clerk of Court.

87, 310, 311. Geo. M. Napier, attorney general, *vs.* Atlantic Coast Line R. R. Co., appeal from district court for northern district of Georgia; Chicago & Northwestern R. R. Co. *vs.* Railroad Commission of Wisconsin; Chicago, Milwaukee & St. Paul Ry. Co. *vs.* [same], on writ of error to Supreme Court of Wisconsin; Nov. 29, 1926. [Reprint 1931.] 6 p.
Ju 6.8/1a : At 63

—— [Cases adjudged in Supreme Court at Oct. term, 1930.] [Issued separately.] † Clerk of Court.

5. Indian Motocycle Company *vs.* United States, on certificate from Court of Claims; May 25, 1931. n. p. [1931.] 7+3 p. Ju 6.8/1a : In 2/2
16. State of New Jersey *vs.* State of New York and city of New York, commonwealth of Pennsylvania, intervenor; May 25, 1931. n. p. [1931]. 3 p. [This case is designated as No. 16, original.] Ju 6.8/1a : N 42j/3
21. United States *vs.* Equitable Trust Company of New York et al., certiorari to circuit court of appeals for 2d circuit; June 1, 1931. n. p. [1931.] 7 p.
Ju 6.8/1a : Eq 59
66. Northport Power and Light Company *vs.* Roland H. Hartley, governor of State of Washington, and John H. Dunbar, attorney general of State of Washington, appeal from district court for western district of Washington; May 25, 1931. n. p. [1931.] 2 p. Ju 6.8/1a : N 817
78. Marshall L. Mott *vs.* United States, certiorari to circuit court of appeals for 10th circuit; June 1, 1931. n. p. [1931.] 4 p. Ju 6.8/1a : M 858
81. Henry Choteau *vs.* David Burnet, commissioner of internal revenue, on writ of certiorari to circuit court of appeals for 10th circuit; May 25, 1931. n. p. [1931.] 4 p. Ju 6.8/1a : C 456
91. J. M. Near *vs.* Minnesota *ex rel.* Floyd B. Olson, county attorney of Hennepin County, Minn., appeal from Supreme Court of Minnesota; June 1, 1931. n. p. [1931.] 18+12 p. Ju 6.8/1a : N 27
141–154. Hilary Halbert, jr., et al. *vs.* United States; Rich Halbert *vs.* [same]; Vernon Sidney Halbert *vs.* [same]; Sidney E. Halbert *vs.* [same]; Rose Peers Pickernoll et al. *vs.* [same]; Lulu M. Elliott et al. *vs.* [same]; Mary Barichio Petit et al. *vs.* [same]; Dewey Barichio et al. *vs.* [same]; Edna May Elliott et al. *vs.* [same]; Chas. G. Elliott, jr., et al. *vs.* [same]; Agnes Rubens et al. *vs.* [same]; Virginia Walkowsky et al. *vs.* [same]; Lizzie Rolfson et al. *vs.* [same]; Mary Francis Provoe et al. *vs.* [same], on writs of certiorari to circuit court of appeals for 9th circuit; June 1, 1931. n. p. [1931.] 8 p. Ju 6.8/1a : H 128
263. Maas & Waldstein Company *vs.* United States, on writ of certiorari to Court of Claims; May 25, 1931. n. p. [1931]. 4 p. Ju 6.8/1a : M 112
449. E. S. Smith *vs.* W. B Cahoon, sheriff of Duval County, Fla., appeal from Supreme Court of Florida; May 25, 1931. n. p. [1931]. 10 p.
Ju 6.8/1a : Sm 55
455. Annie G. Phillips et al. *vs.* commissioner of internal revenue, on certiorari to circuit court of appeals for 2d circuit; May 25, 1931. n. p. [1931]. 12 p.
Ju 6.8/1a : P 541
484. Federal Trade Commission *vs.* Raladam Company, on writ of certiorari to circuit court of appeals for 6th circuit; May 25, 1931. n. p. [1931]. 9 p.
Ju 6.8/1a : R 137
504. United States *vs.* Douglas Clyde Macintosh, on writ of certiorari to circuit court of appeals for 2d circuit; May 25, 1931. n. p. [1931]. 11+8 p.
Ju 6.8/1a : M 189
505. United States *vs.* Marie Averil Bland, on writ of certiorari to circuit court of appeals for 2d circuit; May 25, 1931. n. p. [1931]. [2] leaves.
Ju 6.8/1a : B 61
513. State of Alabama et al. *vs.* United States et al., appeal from district court for northern district of Alabama; June 1, 1931. n. p. [1931]. 3 p.
Ju 6.8/1a : Al 11/3
555. Georgia Public Service Commission et al. *vs.* United States et al., appeal from district court for northern district of Georgia; June 1, 1931. n. p. [1931]. 7 p. Ju 6.8/1a : G 296/2
563. Great Northern Railway Company *vs.* Delmar Company, on writ of certiorari to circuit court of appeals for 8th circuit; May 25, 1931. n. p. [1931]. 4 p.
Ju 6.8/1a : G 798/2
630. De Forest Radio Company *vs.* General Electric Company, on writ of certiorari to circuit court of appeals for 3d circuit; May 25, 1931. n. p. [1931]. 14 p.
Ju 6.8/1a : D 362

—— Official reports of Supreme Court, v. 283 U. S., no. 1; Ernest Knaebel, reporter. Preliminary print. [1931.] cover-title, iv+1–142+x p. [Cases adjudged in Supreme Court at Oct. term, 1930 (opinions of Feb. 26–Apr. 13, in part, 1931, and memoranda of cases decided with and without opinion, Apr. 21–May 25, 1931). From United States reports, v. 283.] * Paper, 15c. single copy, 75c. per vol. (6 nos. to a vol., subscription price, $1.50 for 12 nos.); foreign subscription, 5c. added for each pamphlet. Ju 6.8/1a : 283/1

TARIFF COMMISSION

Fish and fisheries. Report to Senate on fish and other marine products landed in United States from the high seas and from Territorial waters by aliens and by citizens, under general provisions of sec. 332, title 3, pt. 2, tariff act of 1930, in compliance with Senate resolution 314, dated July 3, 1930. 1931. iv+17 p. il. (Report 17, 2d series.) * Paper, 5c.
L. C. card 31-27055 TC 1.9:17

Gelatin. Edible gelatin, report to the President on differences in costs of production of edible gelatin in United States and in principal competing country, as ascertained pursuant to provisions of sec. 336 of title 3 of tariff act of 1930; with appendix, proclamation by the President. 1931. iv+8 p. (Report 13, 2d series.) [Netherlands is the principal competing country.] * Paper, 5c.
L. C. card 31-27034 TC 1.9:13

Hats. Wool-felt hat bodies and hats, report to the President on differences in costs of production of wool-felt hat bodies and hats in United States and in principal competing country, as ascertained pursuant to provisions of sec. 336 of title 3 of tariff act of 1930; with appendix, proclamation by the President. 1931. iv+12 p. (Report 15, 2d series.) [Italy is the principal competing country.] * Paper, 5c.
L. C. card 31-27035 TC 1.9:15

Rules of practice and procedure in administration of sec. 332, 336, 337, and 338, pt. 2, title 3, tariff act of 1930, and Laws relating to Tariff Commission, sec. 330-341, pt. 2, title 3, tariff act of 1930. Revised and promulgated Nov. 25, 1930, 2d revision, June 1, 1931. 1931. v+27 p. * Paper, 10c.
L. C. card 31-27128 * TC 1.8:931

Smokers' articles, pipes, pipe bowls, cigar and cigarette holders, and mouthpieces, finished or unfinished, report to the President on differences in costs of production of smokers' articles, pipes, pipe bowls, cigar and cigarette holders, and mouthpieces, finished or unfinished, in United States and in principal competing country, as ascertained pursuant to provisions of sec. 336 of title 3 of tariff act of 1930. 1931. iv+7 p. (Report 12, 2d series.) [France is the principal competing country.] * Paper, 5c.
L. C. card 31-27033 TC 1.9:12

Tobacco. Report on cigar-wrapper tobacco [with bibliography], under general provisions of sec. 332, pt. 2, title 3, tariff act of 1930. 1931. iv+43 p. il. (Report 16, 2d series.) * Paper, 10c.
L. C. card 31-27036 TC 1.9:16

Wire cloth. Fourdrinier wires, woven-wire cloth, and cylinder wires, report to the President on differences in costs of production of Fourdrinier wires, woven-wire cloth, and cylinder wires in United States and in principal competing country, as ascertained pursuant to provisions of sec. 336 of title 3 of tariff act of 1930; with appendix, proclamation by the President. 1931. v+15 p. (Report 14, 2d series.) [Germany is the principal competing country.] * Paper, 5c.
L. C. card 31-27042 TC 1.9:14

TAX APPEALS BOARD

Decisions. Reports, index, 20 B. T. A. [May 30-Oct. 10, 1930]. June 1, 1931. x+1261-1306 p. [Title on cover is: Index to Reports, Board of Tax Appeals, 20 B. T. A.] * Paper, 10c. Y 3.T 19:5/20/ind.

—— Same, v. 23, no. 1; May 29, 1931. [1931.] xiv+1-346 p. [Contains decisions promulgated May 1-19, 1931, and table of cases reported in v. 22.] * Paper, $1.50 per vol.
L. C. card 24-27411 Y 3.T 19:5/23-1

NOTE.—The decisions of the Tax Appeals Board have been placed on a subscription basis and are to be issued in small pamphlets until a sufficient number have been published to make a volume. The price of these advance pamphlets will be $1.50 per volume. Later, bound volumes, containing table of contents and index, will be issued, the price of these being given at time of publication.

TREASURY DEPARTMENT

Bonds of officers. Companies holding certificates of authority from Secretary of Treasury, under acts of Aug. 13, 1894, and Mar. 23, 1910, as acceptable sureties on Federal bonds, also acceptable reinsuring companies under Department circular of July 5, 1922; revised as to process agents to Apr. 2, 1931. Apr. 3, 1931. 1 p. oblong f° [Semiannual.] † T 1.24: 931/1

Finance. Daily statement of Treasury compiled from latest proved reports from Treasury offices and depositaries, June 1–30, 1931. [1931.] Each 5 p. or 4 p. f° [Daily except Sundays and holidays.] †
L. C. card 15–3303 T 1.5: 931

Public debt. Statement of public debt of United States, Apr. 30, 1931. [1931.] [2] p. narrow f° [Monthly.] †
L. C. card 10–21268 T 9.9: 931/4

Treasury decisions under customs, internal revenue, industrial alcohol, narcotic, and other laws, including decisions of Customs Court and Court of Customs and Patent Appeals, v. 59, no. 23–26; June 4–25, 1931. [1931.] various paging. [Weekly. Department decisions numbered 44919–986, abstracts 16490–893, internal revenue decisions 4315–17, Tariff Commission Notices dated June 1 and 8, 1931, Tariff Commission Notices 61 and 62, and miscellaneous (disbarments and suspensions).] * Paper, 5c. single copy, $1.50 a yr.; foreign subscription, $2.50.
L. C. card 10–30490 T 1.11/2: 59/23–26

Treasury notes. Redemption of 3½% Treasury notes of series C–1930–32. June 8, 1931. 1 p. 4° (Department circular 439; Public Debt [Service].) † T 1.4/2: 439

BUDGET BUREAU

FEDERAL STANDARD STOCK CATALOGUE BOARD

Government supplies. Federal standard stock catalogue: sec. 2, pt. 6, class 5, Flags, bunting. Jan. 1930 [reprint 1931]. 22 p. 4° [Issued in loose-leaf form for insertion in binder.] * Paper, 10c. T 51.7/7: 5/rep. 931

—— Same: sec. 2, pt. 6, class 14, Oils (illuminating and lubricating), greases, and all lubricants. Feb. 1930 [reprint 1931]. 11 p. 4° [Loose-leaf form.] * Paper, 5c. T 51.7/7: 14/rep. 931

—— Same: sec. 2, pt. 6, class 19, Blocks, rigging, and all accessories, outfits, and parts. May, 1931. 38 p. 4° [Loose-leaf form.] * Paper, 10c T 51.7/7: 19

—— Same: sec. 2, pt. 6, class 38, Brooms, brushes. Mar. 1930 [reprint 1931]. 11 p. 4° [Loose-leaf form.] * Paper, 5c. T 51.7/7: 38/rep. 931

—— Same: sec. 2, pt. 6, class 52, Paints, paint-ingredients. June, 1930 [reprint 1931.] 36 p. 4° [Loose-leaf form.] * Paper, 10c. T 51.7/7: 52/rep. 931

—— Same: sec. 2, pt. 6, class 55, Textile-clothing, knitted-goods. May, 1931. 74 p. 4° [Loose-leaf form.] * Paper, 20c. T 51.7/7: 55

—— Same: sec. 2, pt. 6, class 56, Food, groceries, ice, provisions, subsistence. Apr. 1931. 42 p. 4° [Loose-leaf form.] * Paper, 10c. T 51.7/7: 56

—— Same: sec. 2, pt. 6, class 63, Tableware (barracks, crews'-mess, hotel, hospital, officers'-mess, ship-saloon), aluminum-ware, chinaware, glassware, silverware. Mar. 1931. 29 p. 4° [Loose-leaf form.] * Paper, 10c. T 51.7/7: 63

—— Same: sec. 2, pt. 6, class 64, Bake-shop and kitchen-apparatus and utensils, aluminum-utensils, galley-gear, ovens, ranges, stoves, tinware, and all accessories, outfits, and parts. Feb. 1931. 58 p. 4° [Loose-leaf form.] * Paper, 15c. T 51.7/7: 64

—— Same: sec. 2, pt. 6, class 69, Vehicles (animal-and-hand-drawn), agricultural-implements, and all accessories, outfits, and parts. Feb. 1931. 49 p. 4° [Loose-leaf form.] * Paper, 10c. T 51.7/7: 69

Government supplies—Continued.

—— Same: sec. 2, pt. 6, class 73, Caps, hats, gloves, men's and women's furnishings. May, 1931. 27 p. 4° [Loose-leaf form.] * Paper, 10c. T 51.7/7:73

—— Same: sec. 3, pt. 6, Commercial standards. May, 1931. [2] p. 4° * Paper, 5c. T 51.7/6:930/sec. 3, pt. 6

—— Same: sec. 3, pt. 7, group QQ–division b, Aluminum-bars, sheets, etc. [with bibliography]. May, 1931. 5 p. 4° [Loose-leaf form.] * Paper, 5c. T 51.7/9:QQ–b

—— Same: sec. 3, pt. 7, group QQ–division mm, Tin-bars, blocks and pigs [with bibliography]. May, 1931. 6 p. 4° [Loose-leaf form.] * Paper, 5c. T 51.7/9:QQ–mm

—— Same: sec. 3, pt. 7, group QQ–division x, Pig-iron [with bibliography]. May, 1931. 7 p. 4° [Loose-leaf form.] * Paper, 5c. T 51.7/9:QQ–x

—— Same: sec. 4, pt. 5, Federal specifications for alloy, dental, amalgam. Mar. 31, 1931. 3 p. 12° [Supersedes U. S. G. M. S. 356, Nov. 30, 1925.] * Paper, 5c. T 51.7/8:U–A–451

—— Same: sec. 4, pt. 5, Federal specification for apple butter. Mar. 31, 1931. 3 p. 12° * Paper, 5c. T 51.7/8:Z–A–616

—— Same: sec. 4, pt. 5, Federal specification for biscuit (hard bread), or biscuit, canned. Mar. 3, 1931. 4 p. 12° [Supersedes U. S. G. M. S. 637a, Oct. 8, 1929.] * Paper, 5c. T 51.7/8:EE–B–351

—— Same: sec. 4, pt. 5, Federal specification for bread and rolls. Mar. 31, 1931. 4 p. 12° * Paper, 5c. T 51.7/8:EE–B–671

—— Same: sec. 4, pt. 5, Federal specification for candy. Mar. 31, 1931. 4 p. 12° * Paper, 5c. T 51.7/8:EE–C–71

—— Same: sec. 4, pt. 5, Federal specification for crab meat, canned. Mar. 31, 1931. 3 p. 12° [Supersedes part of U. S. G. M. S. 365a, Jan. 25, 1927.] * Paper, 5c. T 51.7/8:PP–C–651

—— Same: sec. 4, pt. 5, Federal specification for crackers, soda. Mar. 3, 1931. 3 p. 12° [Supersedes U. S. G. M. S. 640a, Oct. 8, 1929.] * Paper, 5c. T 51.7/8:EE–C–651

—— Same: sec. 4, pt. 5, Federal specification for denim, blue, indigo, unshrunk. Mar. 3, 1931. 4 p. 12° [Supersedes U. S. G. M. S. 257b, Mar. 25, 1929.] * Paper, 5c. T 51.7/8:CCC–D–156

—— Same: sec. 4, pt. 5, Federal specification for hominy-grits. Mar. 31, 1931. 3 p. 12° [Supersedes U. S. G. M. S. 645a, Oct. 8, 1929.] * Paper, 5c. T 51.7/8:N–H–521

—— Same: sec. 4, pt. 5, Federal specification for hominy, lye, canned. Mar. 31, 1931. 3 p. 12° [Supersedes U. S. G. M. S. 646a, Oct. 8, 1929.] * Paper, 5c. T 51.7/8:N–H–541

—— Same: sec. 4, pt. 5, Federal specification for milk, condensed. Mar. 3, 1931. 3 p. 12° [Supersedes part of U. S. G. M. S. 381a, Jan. 25, 1927.] * Paper, 5c. T 51.7/8:C–M–321

—— Same: sec. 4, pt. 5, Federal specification for mustard, prepared. Mar. 31, 1931. 3 p. 12° * Paper, 5c. T 51.7/8:EE–M–821

—— Same: sec. 4, pt. 5, Federal specification for oysters, canned. Mar. 3, 1931. 3 p. 12° * Paper, 5c. T 51.7/8:PP–O–951

—— Same: sec. 4, pt. 5, Federal specification for peanut butter. Mar. 31, 1931. 3 p. 12° * Paper, 5c. T 51.7/8:Z–P–196

—— Same: sec 4, pt. 5, Federal specification for plaster-board, gypsum. Mar. 3, 1931. 4 p. 12° [Supersedes U. S. G. M. S. 285, Mar. 28, 1925.] * Paper, 5c. T 51.7/8:SS–P–431

—— Same: sec. 4, pt. 5, Federal specification for plaster, gypsum Mar. 3, 1931. 6 p. 12° [Supersedes U. S. G. M. S. 247, Nov. 5, 1924.] * Paper, 5c. T 51.7/8:SS–P–401

Government supplies—Continued.

—— Same: sec 4, pt. 5, Federal specification for preservers, negative, paper (photographic). Mar. 31, 1931. 3 p. 12° * Paper, 5c. T 51.7/8: G-P-641

—— Same: sec. 4, pt. 5, Federal specification for tapioca. Mar. 31, 1931. 4 p. 12° [Supersedes U. S. G. M. S. 644a, Oct. 8, 1929.] * Paper, 5c. T 51.7/8: N-T-101

—— Same: sec. 4, pt. 5, Federal specification for tuna fish, canned. Mar. 31, 1931. 3 p. 12° [Supersedes part of U. S. G. M. S. 365a, Jan. 25, 1927.] * Paper, 5c. T 51.7/8: PP-T-771

—— Same: sec. 4, pt. 5, Federal specification for wall-board, gypsum. Mar. 3, 1931. 4 p 12° [Supersedes U. S. G. M. S. 284, Mar. 28, 1925.] * Paper, 5c. T 51.7/8: SS-W-51

—— Same: sec. 4, pt. 5, Federal specification for water, table, effervescent. Mar. 3, 1931. 3 p. 12° * Paper, 5c. T 51.7/8: EE-W-111

—— Same: sec. 4, pt. 5, 1932 supplement to Federal specification for lamps, electric, incandescent, large, tungsten-filament. Mar. 3, 1931. 6 p. 12° [Supersedes 1931 supplement to W-L-101, Aug. 19, 1930.] * Paper, 5c. T 51.7/8: W-L-101/932 supp.

—— Same: sec. 4, pt. 5, 1932 supplement to Federal specification for lamps, electric, incandescent, miniature, tungsten-filament. Mar. 3, 1931. 3 p. 12° [Supersedes 1931 supplement to W-L-111, Aug. 19, 1930.] * Paper, 5c. T 51.7/8: W-L-111/932 supp.

COAST GUARD

Communication instructions [for Coast Guard, 1930]: pt. 2, Radio, instructions for radio communication personnel. [1931.] 192 p. [Issued in loose-leaf form for insertion in binder.] ‡ T 47.8: C 73/3/pt. 2

COMPTROLLER OF CURRENCY

National banks. Individual statements of condition of national banks at close of business, Dec. 31, 1930. 1931. 243 p. [Table H, report of comptroller of currency, 1930.] * Paper, 35c.
L. C. card 25-26354 T 12.1: 930/2

NOTE.—In each of the years 1923 to 1929 a table similar to table H, showing statements of resources and liabilities of the individual national banks for one date in the year, was also issued as a supplement to the comptroller's report, but in lieu of being designated as tables A to G, they were numbered 89, 93, 94, 98, 121, 97, and 103, respectively.

—— Monthly statement of capital stock of national banks, national bank notes, and Federal reserve bank notes outstanding, bonds on deposit, etc. [June 1, 1931]. June 1, 1931. 1 p. narrow f° †
L. C. card 10-21266 T 12.9: 931/6

Report. Annual report of comptroller of currency, Dec. 1, 1930 [with appendix]. 1931. x + 783 p. (Treas. Dept. doc. 3032.) [Report covers year ended Oct. 31, 1930. Table H of the appendix is omitted from this report and is published as a separate table, for which see, above, under *National banks.*] * Cloth, $1.25.
L. C. card 9-34683 T 12.1: 930

—— Same. (Treas. Dept. doc. 3032; H. doc. 535, 71st Cong. 3d sess.)

CUSTOMS BUREAU

Customs Service. List of customs districts, headquarters, and ports of entry. [1931.] 6 p. ([Treasury decision] 44859.) [From Treasury decisions, v. 59, no. 20.] † T 1.11/2a: C 96/8/931

CUSTOMS COURT

See p. 1044

GENERAL SUPPLY COMMITTEE

Government supplies. Class 8, Motor-vehicles, bicycles, trailers, and all accessories, outfits, and parts (new class title to conform to Federal standard stock catalogue), requirement form for definite quantity tires and tubes, 2d quarter, fiscal year 1932, Oct. 1–Dec. 31, 1931. [1931.] [2] p. 4° ‡ T 45 7 : 8/932-2

GOVERNMENT ACTUARY

Bonds of United States. Market prices and investment values of outstanding bonds and notes [of United States, May, 1931]. June 1, 1931. 5 p. 4° (Form A.) [Monthly.] † T 50.5 : 931/5

INTERNAL REVENUE BUREAU

Internal revenue bulletin, v. 10, no. 22–26; June 1–29, 1931. 1931. various paging. [Weekly.] * Paper, 5c. single copy (for subscription price see note below).
L. C. card 22–26051 T 22.23/1 : 931/22-26

NOTE.—The Internal revenue bulletin service for 1931 will consist of weekly bulletins and semiannual cumulative bulletins. The weekly bulletins will contain the rulings and decisions to be made public and all Treasury Department decisions (known as Treasury decisions) pertaining to internal revenue matters. The semiannual cumulative bulletins will contain all rulings and decisions (including Treasury decisions) published during the previous 6 months. The complete bulletin service may be obtained, on a subscription basis, from the Superintendent of Documents, Government Printing Office, Washington, D. C., for $2.00 a yr.; foreign subscription, $2.75.

Internal revenue news, v. 4, no. 12; June, 1931. [1931.] cover-title, 16 p. [Monthly. Text on p. 2 and 3 of cover.] * Paper, 5c. single copy, 50c. a yr.; foreign subscription, 75c.
L. C. card 27–26746 T 22.33 : 4/12

LOANS AND CURRENCY DIVISION

Bonds of United States. Caveat list of United States registered bonds and notes, June 1, 1931. [1931.] 73 p. f° [Monthly.] † T 26.7 : 931/6

PUBLIC DEBT SERVICE

Money. Circulation statement of United States money, May 31, 1931. 1931. 1 p. oblong 8° [Monthly.] †
L. C. card 10–21267 T 26.5 : 931/6

PUBLIC HEALTH SERVICE

County health unit of yesterday and to-day; by Fred T. Foard. 1931. [1]+7 p. (Reprint 1472.) [From Public health reports, v. 46, no. 17, Apr. 24, 1931. Volume number incorrectly given on title-page as 45 instead of 46.] * Paper, 5c.
L. C. card 31–27129 T 27.6/a : 1472

Drinking water standards, standards adopted by Treasury Department, June 20, 1925, for drinking and culinary water supplied by common carriers in interstate commerce, superseding standard adopted Oct. 21, 1914; [report of Advisory Committee on Official Water Standards, including B. coli densities as determined from various types of samples, by Lowell J. Reed]. [Reprint with slight changes] 1931. ii+28 p. il. (Reprint 1029.) [Original article from Public health reports, Apr. 10, 1925.] * Paper, 5c.
L. C. card 31–27025 T 27.6/a : 1029/2

Hygiene, Public. Fundamentals of public health law; by James E. Bauman. 1931. [1]+10 p. (Reprint 1460.) [From Public health reports, v. 46, no. 12, Mar. 20, 1931.] * Paper, 5c.
L. C. card 31–27105 T 27.6/a : 1460

Jaeger's test types. Measurements for Jaeger's test types used in near vision tests. 1931. 4 p. (Reprint 1455.) [From Public health reports, v. 46, no. 10, Mar. 6, 1931.] * Paper, 5c.
L. C. card 31–27104 T 27.6/a : 1455

Leprosy. Significance of positive Wassermann and Kahn reactions in leprosy [with list of references]; by L. F. Badger. 1931. [1]+14 p. (Reprint 1471.) [From Public health reports, v. 46, no. 17, Apr. 24, 1931.] * Paper, 5c.
L. C. card 31-27130 T 27.6/a : 1471

Malaria. Note on outbreak of malaria in railroad camp, Rawson Switch, Calif.; by J. C. Geiger and J. P. Gray. 1931. 4 p. (Reprint 1454.) [From Public health reports, v. 46, no. 10, Mar. 6, 1931.] * Paper, 5c.
L. C. card 31-27117 T 27.6/a : 1454

Oklahoma. Public-health survey of Oklahoma; by A. J. McLaughlin. 1931. [1]+24 p. (Reprint 1458.) [From Public health reports, v. 46, no. 11, Mar. 13, 1931.] * Paper, 5c.
L. C. card 31-27119 T 27.6/a : 1458

Opiates. Experimental addiction of animals to opiates [with list of references]; by Lawrence Kolb and A. G. DuMez. 1931. 30 p. il. 5 p. of pl. (Reprint 1463.) [From Public health reports, v. 46, no. 13, Mar. 27, 1931.] * Paper, 10c.
L. C. card 31-27121 T 27.6/a : 1463

Psittacosis outbreak in Maryland, Dec. 1929 and Jan. 1930; by V. L. Ellicott and Charles H. Halliday. 1931. [1]+8 p. il. (Reprint 1467.) [From Public health reports, v. 46, no. 15, Apr. 10, 1931.] * Paper, 5c.
L. C. card 31-27131 T 27.6/a : 1467

Public health reports, v. 46, no. 23-26; June 5-26, 1931. 1931. [xv]+1353-1564 p. il. 14 p. of pl. [Weekly.] * Paper, 5c. single copy, $1.50 a yr.; foreign subscription, $2.75.
L. C. card 6-25167 T 27.6 : 46/23-26

SPECIAL ARTICLES.—No. 23. Résumé of report on sanitation and yellow fever control in Liberia; by H. F. Smith.—Venereal disease among Coast Guard enlisted personnel during fiscal year 1930; by W. W. King.—No. 24. Rocky Mountain spotted fever (eastern type), transmission by American dog tick (Dermacentor variabilis) [with list of references]; by R. E. Dyer, L. F. Badger, and A. Rumreich.—Results of operation of standard milk ordinance in Missouri; by Franklin A. Clark and W. Scott Johnson.—No. 25. Report of committee on milk, Conference of State and Provincail Health Authorities of North America; by Earle G. Brown.—Epidemiological study of typhoid fever in 6 Ohio River cities; by M. V. Veldee.—No. 26. Prevalence of undulant fever in United States; by H. E. Hasseltine.—Studies in asphyxia: 1, Neuropathology resulting from comparatively rapid carbon-monoxide asphyxia; by John Chornyak and R. R. Sayers.

NOTE.—This publication is distributed gratuitously to State and local health officers and other persons engaged in public health work, by the Surgeon General of the Public Health Service, Treasury Department. Others desiring the Reports may obtain them from the Superintendent of Documents, Washington, D. C., at the prices stated above.

Scarlet fever toxin. Antigenic value of scarlet fever streptococcus toxin modified by action of formalin [with bibliography]; by M. V. Veldee. 1931. [1]+6 p. (Reprint 1462.) [From Public health reports, v. 46, no. 13, Mar. 27, 1931.] * Paper, 5c.
L. C. card 31-27120 T 27.6/a : 1462

Sickness among industrial employees in 2d half of 1930. 1931. [1]+3 p. (Reprint 1465.) [From Public health reports, v. 46, no. 14, Apr. 3, 1931.] * Paper, 5c.
L. C. card 31-27106 T 27.6/a : 1465

Tuberculosis, its nature and prevention; by F. C. Smith. Edition of May, 1926. [Reprint with slight changes] 1931. [1]+17 p. il. (Miscellaneous publication 27.) [Includes lists of Public Health Service publications on tuberculosis, also lists of related publications.] * Paper, 5c. T 27.17 : 27/3-2

Typhus-Rocky Mountain spotted fever group, epidemiological and clinical study in Eastern and Southeastern States; by A. Rumreich, R. E. Dyer, and L. F. Badger. 1931. 12 p. (Reprint 1453.) [From Public health reports, v. 46, no. 9, Feb. 27, 1931.] * Paper, 5c.
L. C. card 31-27116 T 27.6/a : 1453

Vitamins. Observations on assay of antineuritic vitamin, some of factors involved in use of rat method [with list of references]; by W. H. Sebrell and E. Elvove. 1931. [1]+9 p. il. (Reprint 1470.) [From Public health reports, v. 46, no. 16, Apr. 17, 1931.] * Paper, 5c.
L. C. card 31-27132 T 27.6/a : 1470

VENEREAL DISEASES DIVISION

Bismuth. Use of bismuth in treatment of syphilis [with list of literature]; by H. N. Cole, in collaboration with J. Earle Moore, Paul A. O'Leary, Thomas Parran, jr., John H. Stokes, and Udo J. Wile. 1931. [1]+13 p. (Reprint 30.) [From Venereal disease information, v. 12, no. 4, Apr. 20, 1931.] * Paper, 5c. T 27.26/a : Sy 79/12

Venereal disease information, issued by Public Health Service for use in its cooperative work with State health departments, v. 12, no. 6; June 20, 1931. 1931. [1]+259-285+ii p. il. [Monthly.] * Paper, 5c. single copy, 50c. a yr.; foreign subscription, 75c.
L. C. card 23-26719 T 27.26 : 12/6

SPECIAL ARTICLE.—Prevalence of venereal diseases in Charleston, W. Va.; by Taliaferro Clark and Elizabeth V. Milovich.

TREASURER OF UNITED STATES

Paper money. Monthly statement, paper currency of each denomination outstanding May 31, 1931. June 1, 1931. 1 p. oblong 24° † T 40.8 : 931/5

VETERANS' ADMINISTRATION

VETERANS' BUREAU

Medical bulletin. United States Veterans' Bureau medical bulletin, v. 7, no. 7, July, 1931; Martin Cooley, editor. 1931. viii+625-716 p. 6 p. of pl. [Monthly.] * Paper, 15c. single copy, $1.50 a yr.; foreign subscription, $2.15.
L. C. card 25-26672 VA 3.9 : 7/7

SPECIAL ARTICLES.—Study of diabetes mellitus in ex-service men [with list of references; by] Philip B. Matz.—Healing of pulmonary tuberculosis [with list of references; by] E. A. Beaudet.—Structural basis of mind [with list of references; by] Clifford C. C. Brace.—Mental concomitants of heart disease [with list of references; by] N. Morris.—Importance of routine reexaminations of patients in mental hospitals; [by] John A. Pringle.—Neurological findings as aid to determination of degree of disability in psychoneuroses; [by] A. S. Pendleton.—Use of ultra-violet light and calcium salts in epilepsy; [by] P. J. Borrows.—High-frequency current in treatment of skin manifestations of herpes zoster [with reference; by] W. E. McWhirt.—Ringworm infection of feet; [by] Ottis Like.—Principles governing authorizations of hospital admission; [by] J. B. Howe.—Writing of dental and medical papers [with reference; by] George A. Bullard.—Insulin as weight producer in tuberculosis, preliminary clinical note; [by] Louis C. Ager.—Rapidly progressive tuberculosis spondylitis with apparent arrest following operation; [by] Sterling Bockoven.—Chronic active pulmonary tuberculosis with symptoms of meningitis and brain tumor; [by] G. F. Robinson.—Foreign body in bronchus; [by] F. A. Marsh.—Study of effectiveness of methods of sterilization of hands, instruments, etc. [conducted at Teachers' College, Columbia University, New York].

WAR DEPARTMENT

Army regulations.

NOTE.—The Army regulations are issued in pamphlet form for insertion in loose-leaf binders. The names of such of the more important administrative subjects as may seem appropriate, arranged in proper sequence, are numbered in a single series, and each name so numbered constitutes the title and number of a pamphlet containing certain administrative regulations pertaining thereto. Where more than one pamphlet is required for the administrative regulations pertaining to any such title, additional pamphlets will be issued in a separate sub-series.

30-1250. Quartermaster Corps: Supplies for transports; May 22, 1931. [1931.] 3 p. [Supersedes AR 30-1250, Aug. 22, 1925.] * Paper, 5c. W 1.6/1 : 30-1250/2

35-6740. Finance Department: Auditing property accounts, Changes 1; May 28, 1931. 1931. 1 p. † W 1.6/2 : 35-6740/2/ch. 1

35-7020. Same: Claims against United States and claims under 105th article of war, general provisions; May 26, 1931. [1931.] 8 p. [Supersedes AR 35-7020, Dec. 15, 1928.] * Paper, 5c. W 1.6/1 : 35-7020/5

40-2150. Medical Department: Veterinary meat and dairy hygiene, general, Changes 3; May 26, 1931. 1931. 1 p. [Supersedes AR 40-2150, Changes 2, Sept. 28, 1928.] † W 1.6/2 : 40-2150/ch. 3

140-22. Officers' Reserve Corps: Adjutant General's Department, effective July 1, 1931; May 20, 1931. [1931.] 8 p. [Supersedes AR 140-22, June 15, 1925.] * Paper, 5c. W 1.6/1 : 140-22/2

Army regulations—Continued.

140–24. Same: Cavalry, effective July 1, 1931; May 20, 1931. [1931.] 10 p. [Supersedes AR 140–24, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–24/2

140–25. Same: Chaplains, effective July 1, 1931; May 20, 1931. [1931.] 6 p. [Supersedes AR 140–25, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–25/2

140–26. Same: Chemical Warfare Service, effective July 1, 1931; May 20, 1931. [1931.] 12 p. [Supersedes AR 140–26, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–26/2

140–28. Same: Corps of Engineers, effective July 1, 1931; May 20, 1931. [1931.] 16 p. [Supersedes AR 140–28, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–28/2

140–30. Same: Finance Department, effective July 1, 1931; May 20, 1931. [1931.] 9 p. [Supersedes AR 140–30, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–30/2

140–32. Same: Judge Advocate General's Department, effective July 1, 1931; May 28, 1931. [1931.] 8 p. [Supersedes AR 140–32, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–32/2

140–36. Same: Ordnance Department, effective July 1, 1931; May 22, 1931. [1931.] 14 p. [Supersedes AR 140–36, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–36/2

140–38. Same: Signal Corps, effective July 1, 1931; May 20, 1931. [1931.] 16 p. [Supersedes AR 140–38, June 15, 1925.] * Paper, 5c. W 1.6/1: 140–38/2

145–30. Reserve Officers' Training Corps: Training camps; May 26, 1931. [1931.] 31 p. [Supersedes AR 145–30, Apr. 15, 1929.] * Paper, 5c. W 1.6/1: 145–30/3

345–75. Military records: Soldier's deposit book and report of soldiers' deposits; May 22, 1931. [1931.] 2 p. [Supersedes AR 345–75, June 7, 1924.] * Paper, 5c. W 1.6/1: 345–75/2

345–1000. Same: Records and reports of qualifications in arms, Changes 2; June 6, 1931. 1931. 1 p. [Supersedes AR 345–1000, Changes 1, May 26, 1930.] † W 1.6/2: 345–1000/2/ch. 2

350–530. Military education: Air Corps Tactical School; May 22, 1931. [1931.] 3 p. [Supersedes AR 350–530, Jan. 2, 1929, including Changes 1, Feb. 14, 1930.] * Paper, 5c. W 1.6/1: 350–530/3

600–95. Personnel: Authority for wearing, and supply of, wound and war service chevrons, Changes 1; May 26, 1931. 1931. 1 p. † W 1.6/1: 600–95/ch. 1

600–750. Same: Recruiting for Regular Army; June 3, 1931. [1931.] 16 p. [Supersedes AR 600–750, Apr. 25, 1925, including Changes 4, Feb. 20, 1930.] * Paper, 5c. W 1.6/1: 600–750/2

615–5. Enlisted men: Appointment and reduction of noncommissioned officers and privates, 1st class, except in Medical Department; June 6, 1931. [1931.] 8 p. [Supersedes AR 615–5, Dec. 13, 1923, including Changes 5, Dec. 5, 1929.] * Paper, 5c. W 1.6/1: 615–5/2

Technical regulations.

NOTE.—The Technical regulations are issued in pamphlet form for insertion in loose-leaf binders. They will consist of a series of pamphlets containing regulations of a technical nature, such as descriptions of, instructions for the care of, instructions for the handling of, and the proper nomenclature of arms, matériel, and equipment of the various branches. This series will include the class of publications heretofore known as handbooks. Technical regulations will be numbered in the same manner as are Training regulations, but 1000 will be added to the general subject numbers, i. e., Training regulations will appear as TR 445–270 and Technical regulations as TR 1445–270.

1190–5. Signal Corps: Storage batteries for signal communication except those pertaining to aircraft, prepared under direction of chief signal officer; May 16, 1931. [1931.] 32 p. il. [Supersedes TR 1160–5, June 30, 1926.] * Paper, 10c. W 1.22: 1190–5

ADJUTANT GENERAL'S DEPARTMENT

Army. United States Army as a career. [Revised edition.] 1931. 36 p. il. 1 pl. [Another illustration on back cover.] † W 3.2: Ar 5/13/931

Military education. Announcement of Army extension courses, 1931–32, object of Army extension courses is military training and education of officers of Army and of qualified civilians who may volunteer for such courses [including section 1, General information]. 1931. iii+25 p. †
L. C. card 24–26879 W 3.51: 931–32/sec. 1

—— Same: section 2, Extension course of Adjutant General's Department. [1931.] 4 p. † W 3.51: 931–32/sec. 2

—— Same: section 3, Extension course of Air Corps schools. [1931.] 8 p. † W 3.51: 931–32/sec. 3

—— Same: section 4, Extension course of Cavalry School. [1931.] 6 p. † W 3.51: 931–32/sec. 4

—— Same: section 5, Extension course of Chaplain School. [1931.] 3 p. † W 3.51: 931–32/sec. 5

Military education—Continued.

—— Same: section 6, Extension course of Chemical Warfare School. [1931.] 7 p. † W 3.51 : 931–32/sec. 6

—— Same: section 9, Extension course of Field Artillery School. [1931.] 7 p. † W 3.51 : 931–32/sec. 9

—— Same: section 10, Extension course of Finance School. [1931.] 5 p. † W 3.51 : 931–32/sec. 10

—— Same: section 11, Extension course of Infantry School. [1931.] 5 p. † W 3.51 : 931–32/sec. 11

—— Same: section 15, Extension course of Ordnance School. [1931.] 8 p. † W 3.51 : 931–32/sec. 15

—— Same: section 17, Extension course of Signal School. [1931.] 10 p. † W 3.51 : 931–32/sec. 17

—— Same: section 18, Extension courses of Command and General Staff School, Command and General Staff extension course, special staff and logistics course. [1931.] 3 p. † W 3.51 : 931–32/sec. 18

—— Army extension courses: special text no. 15, Tactics and technique of infantry in offensive combat; prepared under direction of chief of infantry for use with extension course of Infantry School. 1931 edition. 1931. ii+70 p. il. map. * Paper, 15c. W 3.52 : 15

—— Same: special text no. 59, Sanitation of camps and stations; prepared under direction of surgeon general for use with extension course of Medical Field Service School. 1931 edition. 1931. ii+114 p. il. * Paper, 20c. W 3.52 : 59

—— Same: special text no. 168, Signal depot organization and administration; prepared under direction of chief signal officer for use with extension course of Signal School. 1931 edition. 1931. ii+44 p. il. 1 pl. * Paper, 10c. W 3.52 : 168

—— Same: special text no. 203, Duties of division adjutant general during mobilization and during demobilization of division; prepared under direction of adjutant general for use with extension course of Adjutant General's Department. 1931 edition. 1931. ii+34 p. * Paper, 10c. W 3.52 : 203

U. S. Army recruiting news, bulletin of recruiting information issued by direction of adjutant general of Army, v. 13, no. 11 and 12; June 1 and 15, 1931. [Recruiting Publicity Bureau, Governors Island, N. Y., June 1 and 15, 1931.] Each 16 p. il 4° † Recruiting Publicity Bureau, Governors Island, N. Y.
L. C. card War 22-1 W 3.45 : 931/11,12

ENGINEER DEPARTMENT

Navigable waters. Information circular, applications for permits for work in navigable waters of United States, 1927. [Reprint] 1931. [1]+11 p. il. 4° † W 7.11/2 : N 22/3/931

Orders and regulations, Corps of Engineers, Army, general index. Apr. 15, 1931. [1]+116 p. 12° [Chapters 1–9 of the Orders and regulations here indexed were issued as General orders 4, 5, 9, 11, 10, 7, 3, 8, and 6, 1929, respectively (General orders 3 omitted the chapter number 7, however), and chapter 10 was issued as General orders 1, 1930. A revised edition of chapter 7 was issued, with the chapter number, as General orders 4, 1930.] ‡ W 7.8 : 929, 930/ind.

St. Marys Falls Canal, Mich., statistical report of lake commerce passing through canals at Sault Ste. Marie, Mich. and Ontario, during season of 1930, with supplementary report of commerce passing through Detroit River [and through St. Clair Flats Canal, Mich., during season of 1930]. 1931. ii+29 p. il. 13 p. of pl. map. * Paper, 15c.
L. C. card ES 20-21 W 7.2 : Sa 2/930

NORTHERN AND NORTHWESTERN LAKES SURVEY

NOTE.—Charts of the Great Lakes and connecting waters and St. Lawrence River to the international boundary at St. Regis, of Lake Champlain, and of the New York State canals are prepared and sold by the U. S. Lake Survey Office, Old Customhouse, Detroit, Mich. Charts may also be purchased at the following U. S. engineer offices: 710 Army Building, New York, N. Y.; 467 Broadway, Albany, N. Y.; 540 Federal Building, Buffalo, N. Y.; and Canal Office, Sault Ste. Marie, Mich. A catalogue (with index map), showing localities, scales, prices, and conditions of sale, may be had upon application at any of these offices.

A descriptive bulletin, which supplements the charts and gives detailed information as to harbors, shore lines and shoals, magnetic determinations, and particulars of changing conditions affecting navigation is issued free to chart purchasers, upon request. The bulletin is revised annually and issued at the opening of navigation (in April), and supplements thereto are published monthly during the navigation season.

Complete sets of charts and publications may be seen at the U. S. engineer offices in Duluth, Minn., Milwaukee, Wis., Chicago, Ill., Grand Rapids, Mich., Cleveland, Ohio, and Oswego, N. Y., but they are obtainable only at the sales offices above mentioned.

Great Lakes. Supplement 1, May 26, 1931, corrections and additions to Bulletin 40; to supplement information given upon charts of Great Lakes. U. S. Lake Survey Office, Detroit, Mich. [May 20, 1931]. p. 1–3+leaves 4–18+[2] p. 4° †
L. C. card 8–35459 W 33.3: 40/supp.1

—— Supplement 2, June 25, 1931, corrections and additions to Bulletin 40; to supplement information given upon charts of Great Lakes. U. S. Lake Survey Office, Detroit, Mich. [June 20, 1931]. p. 1–3+leaves 4–13+[2] p. 4° † W 33.3: 40/supp. 2

RIVERS AND HARBORS BOARD

Los Angeles, Calif. Ports of Los Angeles, Long Beach, San Diego, and San Luis Obispo, Calif.: pt. 1, Ports of Los Angeles and Long Beach, Calif. Revised 1930. 1931. viii+234 p. il. 4 pl. 4 p. of pl. 4 maps, 3 tab. (Port series 13 [pt. 1].) [Prepared in cooperation with Operations Bureau, Shipping Board.] * Paper, 60c.
L. C. card 31–26820 W 7.21: 13/pt. 1

—— Same: pt. 2, Ports of San Diego and San Luis Obispo, Calif. Revised 1930. 1931. viii+125 p. il. 1 pl. 2 p. of pl. 2 maps, 1 mosaic map. (Port series 13 [pt. 2].) [Prepared in cooperation with Operations Bureau, Shipping Board.] * Paper, 45c. W 7.21: 13/pt. 2

FINANCE DEPARTMENT

Finance circulars. Changes 1 [to] Finance circulars D, Feb. 1, 1931; Apr. 28, 1931. [1931.] 16 leaves. ‡ W 97.5/3: D/ch. 1

JUDGE ADVOCATE GENERAL'S DEPARTMENT

Opinions. Digest of opinions of judge advocate general of Army, Jan.–Dec. 1930, with holdings of Board of Review in Office of Judge Advocate General, opinions of Attorney General, decisions of comptroller general, [and] recent publications and decisions of courts. 1931. iii + 61 p. ‡
L. C. card 18–26585 W 10.8: 930

ORDNANCE DEPARTMENT

Ordnance field service bulletin. ‡

NOTE.—The Ordnance field service bulletins are issued in pamphlet form for insertion in loose-leaf binders. In order to provide a vehicle for conveying instructions and information from the chief of field service to the ordnance field service, four bulletins, entitled Ordnance field service bulletins, will be issued. The bulletins will be divided into the following headings: Bulletin 1, General instructions; Bulletin 2, Supply; Bulletin 3, Ammunition; Bulletin 4, Maintenance.

4–2. Spare parts and tools; Apr. 15, 1931. [1931.] 4 p. [Supersedes O. F. S. B. 4–2, Nov. 15, 1927.] W 34.23: 4/2–3d rev.

Ordnance provision system. [Ordnance catalogue (ordnance provision system): Group A] Major items. Changes 2; Apr. 20, 1931. 1931. 1 p. (Standard nomenclature list A–1 [changes 2]. ‡ W 34.23: A–1/3/ch. 2

QUARTERMASTER GENERAL OF ARMY

Circulars. Changes 28 [to] Circular 2, 1928; Apr. 1, 1931. [1931.] 1 p. [Issued in loose-leaf form for insertion in binder. Mimeographed, accompanied by printed pages to be inserted in their proper places in the original publication. A list of the accompanying changes is found on p. 1 of the Changes here catalogued.] ‡ W 77.4/3 : 2/ch. 28

—— Circular 1 [1928]. ‡

1–5. Storage and issue of supplies [with list of references]; May 18, 1931. [1931.] 31 p. [Supersedes Circular 1–5, Oct. 20, 1930.] W 77.4/3 : 1–5/3

1–15. Regulations governing civilian employees; Feb. 10, 1931. [1931.] 101 p. [Supersedes regulations published Mar. 12, 1928, and changes thereto.] W 77.4/3 : 1–15/2

National cemetery regulations. Mar. 9, 1931. iii + 48 p. 12° ‡ W 77.10/1 : N 21/2

SIGNAL OFFICE

Orders 8 [1931]; May 1, 1931. 1931. 1 p. 12° ‡ W 42.10 : 931/8

WAR POLICIES COMMISSION

War. War Policies Commission, hearings before commission appointed under authority of public resolution 98, 71st Congress, 2d session, H. J. Res. 251, May 13, 14, 1931. 1931. pt. 2, ii + 351–480 p. il. 8 pl. * Paper, 15c. Y 3.W 19/5 : H 35/pt. 2

How to order publications—See information following Contents

O

MENTS SECTION

JAN 7 1932

Index to
Monthly Catalogue
United States
Public Documents

Nos. 427–438

July, 1930–June, 1931

ISSUED BY THE
SUPERINTENDENT OF DOCUMENTS

WASHINGTON
1931

INDEX

To Monthly Catalogue, July, 1930–June, 1931

NOTE.—*Entries appear in this index (1) under names of Government or corporate authors; (2) under personal authors; (3) under series titles or titles of publications, if distinctive; (4) under subjects. Specific subjects are not duplicated under the Government authors.*

The list of page numbers immediately following the name of any Executive Department, bureau, office, etc., refers to all entries under the corresponding center head on those pages of the Monthly Catalogue proper.

Inclusive paging is not given, except in the case of hearings and reports under the names of the Committees of Congress, the names of the individual Congressmen submitting reports, and for certain entries under Laws.

A Page

A interdependencia economica das nações 996
A. B. A. Independent Oil & Gasoline Co 904
A. B. C. Canning Co., A/S 50, 550
A. E. F., *see* American Expeditionary Forces.
A. J. H., *see* Henry, Alfred J.
Abbot, C. G.:
  studying the sun 839
  weather dominated by solar changes 736
Abbott, [illegible]S., insecticidal value of pyrethrum 87
Abel, James F.:
  illiteracy by age groups, statistics 166
  national ministries of education 165
Aberdeen & Rockfish R. R.:
  freight rates 979
  rates on—
    ammonium sulphate 542
    apples 706
    baskets 706
    bricks 1054
    columns 709
    cotton goods 113, 709, 902
    fertilizers 544
    fire kindler 48
    glass-globe signs 815
    grain 711
    lime 49
    luggage 712
    lumber 904
    poultry 714
    stone 907
    tire reliners 184
    vegetables 982
    wool 908
  stoppage of goods in transit 548
  United States *vs* 51
Aberdeen Chamber of Commerce 549
Aberration, chromatic, of microscopes 1038
Abie State Bank 844
Abilene & Eastern Ry., construction 703
Abilene & Southern Ry.:
  proposed extension 169
  rates 545
  rates on—
    bran 707
    bricks 112
    cement 174
    drain-tiles 248
    flaxseed 710
    grape juice 904
    lumber 116
    millet seed 713
    peanuts 817
    pipe couplings 182
    stoves 548
Abingdon Sanitary Manufacturing Co., Inc 117

Page

Aborigines of Hispaniola 354
Abortion, vaccination of calves to prevent 371, 372
Abraham, N., Co 309
Abrahamsen, Alfred W., patent appeals 298, 962
Abrasives:
  abrasive grain sizes, waste elimination 964
  production of abrasive materials, 1929 226
  rates on abrasive grains 542
  safety code for abrasive wheels 560
  standard stock catalogue 135
  steel resistance to sand abrasion 160, 303
Abscess:
  anesthesia in peritonsillar abscesses 937
  brain abscess, report of case 76
  of spleen 751
Absecon Inlet, chart 1033
Absorbent cotton, standard stock catalogue 847
Absorption measurements, X ray radiation 160, 303
Aburatani Wan, *see* Yuya Wan.
Academic dissertations, 1929 827
Academic honesty, bibliography 700
Academies, statistics, 1927–28 241
Academy of Sciences, *see* National Academy of Sciences.
Acadia National Park 973
Acalyptrate flies in National Museum 573
Acanthonotozomatidae, amphipod crustacean 849
Accident bulletin 45
Accidents:
  accident prevention series 163
  aircraft—
    accidents occurring May, 1926–May, 1930 953
    method of analysis 125, 1064
    statistical studies 367
  coke-oven accidents 481
  explosives, in anthracite mines of Pa 773
  industrial, cost to State, etc 341, 560
  industrial, men and women 341
  manufacturing industries 990
  metallurgical works 1036
  quarry accidents 14, 962
  railroad—
    collisions, etc., accident bulletin 98 45
    investigation reports 45, 426, 975
    investigation reports, summary 45, 316, 539, 812, 1050
    report of Safety Bureau, 1930 423
    reported by railways, summary 109, 169, 245, 316, 539, 703, 895, 975, 1050
  statistics, Mines Bureau publications 14, 962, 1036
  see also Collisions at sea—Employers' liability and workmen's compensation—Safety of life.
Accomac County, Va., mail routes 570

Page

Accounting:
budget accounting, publications for sale 311, 972
carriers by air, uniform system 569
decisions of U. S. officers, 1894–1929 808
farm accounts, publications for sale 311
foreign service accounts and returns 1074
money accounts, National Guard 856
numbers for Navy 127, 995
numbers for ships and stations 127
railroads, uniform system of accounts 817
telegraph and cable companies 246
see also names of Departments, bureaus, etc.
Accounting Office, *see* General Accounting Office.
Accounts, collection in Argentina 771
see also Accounting—Finance—*also* names of Departments, bureaus, etc.
Accounts Bureau, Navy Dept., *see* Supplies and Accounts Bureau, Navy Dept.
Accounts Bureau, Post Office Dept 350, 1072
Accounts Committee, House:
reports 31, 394–395, 489, 791–792
Acetone, Federal standard stock catalogue 847
Acevedo, Tomas, *v.* United States 426
Acewood Petroleum Corporation 712
Achaetoneura, revision of tachinid-flies 447
Acid phosphate, rates on 112, 173, 706
Acids, standard stock catalogue 135
see also names of acids.
Acme Brick Co 112, 543, 978
Acme Coal Co 305
Acme Operating Corporation 717, 909, 1059
Acree, S. F.:
stabilization of boric acid buffers 881, 1038
titrating aldose sugars 302, 486
Actions at law:
bibliography of prosecution 1065
jury waiver in District Courts 38
report on prosecution, by Nat. Comn. on Law Observance and Enforcement 1065
United States to be party defendant 619, 782
see also names of litigants.
Acts, *see* Laws.
Actuaries Board 852
report, 10th 852
Actuary, Government, *see* Government Actuary.
Acuariinae, key to genera of subfamily 1077
Adair, H. S., insects of pecan 468
Adams, B. H.:
diet for submarine crews 256
submarine lung training 1066
Adams, Charles F., *see* Navy Department.
Adams, Frank, census of manufactures, 1927 92
Adams, Georgian, composition of vegetables 470
Adams, H. R., soil survey of Putnam County, Ind 6
Adams, Lawrence A., meat, consumer habits, etc 466
Adams, Oscar S., map projections 93
Adams, William W.:
accidents at metallurgical works 1036
coke-oven accidents 481
production of explosives 297
quarry accidents 14, 962
Adcock, Edmund D., court case 719
Addition agents in copper electrotyping 160, 301
Address:
parcels, on more than one side 347
2d-class matter, preparation for mailing 441, 568
Addresses:
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
see also subject of address, name of person by whom delivered, name of body before which delivered, or place where delivered.
Addressing machines, specifications, etc 747
Aden, Gulf of, pilot, supplement 920
Adeno-carcinoma of kidney 366
Adhesives, paper-coating 391, 485
Adirondack & St. Lawrence R. R., rates 545
Adjusted compensation act, *see* World War adjusted compensation act.

Page

Adjusted service certificates:
payment, hearings 657, 675
rediscount of notes 807
to increase loan basis—
law 782
reports 657, 675
veto message 734
Adjutant General's Department 77, 141, 204, 275, 366, 458, 586, 752, 854, 939, 1012, 1087
Army extension courses 1087
organization 854
regulations for Officers' Reserve Corps 1086
Adjutants general, Army extension courses 204, 854, 1088
Administration and Conservation of Public Domain Committee, *see* Public Domain, Committee on Conservation and Administration of.
Administration of Veterans' Affairs, *see* Veterans' Administration.
Administrative branches of Government, *see* Executive Departments.
Administrative Officers of Customs Service, Conference of, *see* Conference of Administrative Officers of Customs Service.
Admiralty courts, rules of practice 325
Admiralty laws, extending to Virgin Islands 530
Adolescence problems for parents 892
Adoption of minors by Crow Indians 633, 678, 783
Adriatic Sea:
chart 437
sailing directions 1067
Adult education, *see* Education.
Advance Automobile Accessories Corporation 234
Advance Bag & Paper Co., Inc 181
Advance Fuel Co., Inc 902
Advance-Rumeley Thresher Co., Inc 173
Advertisers Association, Inc., *see* Association of National Advertisers, Inc.
Advertiser's Manufacturing Co 113
Advertising:
customs duty on advertising matter 441, 731
exterior advertising in D. C.—
law 788
reports 497, 620, 629
Advisory Committee for Aeronautics, *see* National Advisory Committee for Aeronautics.
Advisory Committee on Employment Statistics, report 1062
Advisory Committee on Official Water Standards, drinking water 1084
Advisory Committee on X-Ray and Radium Protection, X-ray recommendations 1039
Advisory Loan Committee, *see* National Advisory Loan Committee.
Aerial bombing range at Kelly Field:
hearings 33
law 26
Aerial Legal Experts, International Technical Committee of, *see* International Technical Committee of Aerial Legal Experts.
Aerial navigation, *see* Aeronautics, and references.
Aerial photograph reading 938
Aerodynamics:
characteristics of airfoils 59, 191, 562, 1064
theory and test of strut forms 59, 60
Aerofoils, *see* Airfoils.
Aerology:
aerological code, pilot balloons 218
instructions for making observations 290
reprint of portion on kites 870
observations with balloon on ship 766
Aeronautic Radio Research Liaison Committee on, *see* Liaison Committee on Aeronautic Radio Research.
Aeronautic Regulatory Laws, National Conference on, *see* National Conference on Uniform Aeronautic Regulatory Laws.
Aeronautical instruments, *see* Aircraft instruments.

Page

Aeronautics:
air commerce bulletin 11, 91, 154, 220, 292, 381, 474, 603, 767, 872, 953, 1029
air commerce regulations 872
parachute supplement 11
repairs, etc., to licensed aircraft 872
school supplement 872
air traffic rules 127, 154
airway bulletin 11, 91, 154, 220, 292, 381, 475, 603, 767, 872, 953, 1029
index 767
aviation training 292
bibliography, 1929 562
ceiling and visibility in U. S 90
Coast Guard regulations, aviation 362
commercial aviation, internat. convention 841
dead reckoning in aerial navigation 922
lights, establishment and certification 91
marking obstructions to air navigation 91
meteorology, its importance 90
naval aviation charting program 63, 127, 258, 259, 729, 833
Navy Dept. estimates, 1932, amendment 578
plotting sheet 192
position tables for aerial navigation 993
publications 91, 767
publications for sale by supt. of docs 534
supplement to Amer. nautical almanac, 1930 64
trade directory 91
weather hazards 153
see also Aerodynamics—Aircraft—Airplanes—Gliders (aircraft)—Seaplanes—*also* Aviators—*also* certain headings beginning Air.
Aeronautics Advisory Committee, *see* National Advisory Committee for Aeronautics.
Aeronautics Branch, Commerce Dept 11, 91, 154, 220, 292, 381, 474, 603, 767, 872, 953, 1029
hangar fire control, rp. of committee 381
inspection service memorandum 767
medical examiners 11, 1029
report, 1930 381
Aeronautics bulletin 11, 91, 154, 221, 292, 381, 475, 603, 767, 872, 1029
Aeronautics Bureau, Navy Dept 435, 1065
manual, chapters 23, 24 1065
report, 1930 435, 828, 829
Aeronautics Division, Library of Congress 725
origin and progress 725
Aeronautics Trade Division, Foreign and Domestic Commerce Bur 156, 224
Aeroplanes, *see* Airplanes.
Aetna Life Insurance Co. *v.* Robert O. Eaton 322
Affect rôle in psychotic behavior 750
Afognak Island, chart 479
Africa:
anchorages and bays on west coast 191
botanical visit to East and South Africa 840
canned foods 771
charts 62, 257, 437, 1067
lights, etc., on coasts 257, 920
lumber imports in South Africa 608
markets for motor boats, etc 386
motor roads 386
pilot 343, 830, 919
see also British South Africa—Union of South Africa.
Age:
and employability 560
limits in industry in Md. and Calif 724
of cattle, determining by teeth 863
see also Old age pensions.
Agee, Mrs. Brewster, relief 18
Ager, Louis C.:
diaphragmatic hernia 274
dietetic problems in veterans' hospital 853
insulin in tuberculosis 1086
Agglomeration of slimes, etc 388
Agnew, Mary A., workers in agricultural colleges, etc 865
Agnus, Annie E., court case of exrx 322
Agranulocytic angina 1011
Agricultural and forestry series, *see* Agriculture.
Agricultural chemistry, publications 165, 890

Page

Agricultural colleges, workers in, list 865
see also Land-grant colleges—*also* names of colleges or universities with which they are connected.
Agricultural Cooperation Division 946
Agricultural credit:
cooperation in agriculture, bibliography 806
corporations, assist in organization—
hearing 882
reports 512, 621
drainage districts, etc., loans—
hearings 402, 405, 656
report 402
drought or storm area, seed, etc., loans—
acts of Congress 393, 488, 790
committee hearings 395, 406, 491, 513
committee reports and minority views 393, 395, 405, 488, 491, 510, 512
estimate 578
how can I get a loan? 465, 595, 757
preliminary instructions 758
regulations of Agriculture Dept 465, 466, 758, 1019
relief appropriation, letter 757
farm loan act, as amended to Dec. 1, 1930 454
national associations 747
new credit for farmers 862
publications for sale by supt. of docs 311
relief to farm loan borrowers 792
see also Federal intermediate credit banks—Federal land banks—Joint stock land banks.
Agricultural Credits Division 862
Agricultural economics, *see* Agricultural situation (periodical).
Agricultural Economics Bureau 4, 84, 148, 210, 282, 371, 466, 596, 759, 862, 946, 1020
poster 148
report, 1930 283
service and regulatory announcements 210, 467, 596, 759, 1020
work 467
Agricultural education, *see* Agricultural colleges—Agriculture.
Agricultural engineering, research 1023
Agricultural experiment stations:
experimental farm in Mobile County, Ala 882
income, expenditures, etc., 1929 214, 285
projects, classified list, 1930 374
publications, 1928–29 214
report, 1929 214
to coordinate work, etc., in Porto Rico—
hearing 395
law 787
reports 490, 660
workers in, list 865
see also names of stations.
Agricultural Extension Service, *see* Extension Service, Agriculture Dept.
Agricultural extension work, *see* Extension work.
Agricultural implements, *see* Farm implements and machinery.
Agricultural Implements Division:
aiding farm equipment manufacturers, etc 960
British market for agric. implements, etc 95
export classification of farm equipment 607
Agricultural labor, *see* Farm labor.
Agricultural loans, *see* Agricultural credit.
Agricultural machinery *see* Farm implements and machinery.
Agricultural marketing act, *see* Markets and marketing.
Agricultural outlook, *see* Agriculture.
Agricultural pests, *see* Pests—*also* names of pests.
Agricultural products:
cooperative marketing and purchasing 148
embargo on certain products, hearings 658
foreign trade of United States 84
handbook of foreign tariffs, etc 157, 771
marketing by parcel post 84
national standards for farm products 4
perishable commodities act, rules, etc 210, 596
see also Crops—*also* names of special products.

Page

Agricultural research journal, *see* Journal of agricultural research.
Agricultural schools, *see* Agriculture—Land-grant colleges—*also* names of colleges or universities with which schools are connected.
Agricultural situation (periodical) 4, 84, 148, 210, 282, 372, 596, 759, 862, 946, 1020
Agricultural Students, Vocational, National Congress of, *see* National Congress of Vocational Agricultural Students.
Agriculture:
agricultural outlook for 1931 596, 759
agricultural outlook for Southern States 371, 372
agricultural survey of Europe 148
census, 1930, reports for States, etc.—
American Samoa 768
Arizona 954
Arkansas 954, 1029
Colorado 954, 1029
Connecticut 475
Delaware 292, 475, 873, 1029
Guam 768
Idaho 955, 1029
Illinois 1030
Indiana 1030
Iowa 955, 1030
Kansas 955
Kentucky 873, 956
Louisiana 1030
Maine 604, 768
Maryland 768, 873
Massachusetts 604, 768
Montana 1030
Nebraska 874, 956
Nevada 874, 956
New Hampshire 476, 604
New Jersey 768, 1030
New Mexico 957, 1030
North Dakota 1030
Oregon 957, 1030
Rhode Island 383, 476
South Carolina 1031
Tennessee 957, 958
Utah 958
Vermont 476, 604
Virgin Islands 958
Virginia 958, 1031
Washington 958
West Virginia 874, 958
Wyoming 959, 1031
census publications for sale 808
cooperação agricola 260
same (in Spanish) 346
cooperation in agriculture, bibliography 806
debt to tropical America 260
Federal Board for Vocational Education—agricultural series 40, 103, 163, 1044
history of in U. S., bibliography 282
insects, collection, etc., for use in study 285
investigation of conditions 797
laws, compilation 966
Pan American Union series—
agricultural and forestry series 260
serie sobre agricultura (Portuguese) 65, 260, 923
serie sobre agricultura (Spanish) 65, 193, 260, 346, 834, 923
policies and work of Farm Board 806
report of Secretary of Agriculture, 1930 371, 946
statistics, in yearbook for 1931 946
statistics, miscellaneous 84
vocational education—
biennial survey of agric. education 891
conference procedure in teaching 103
evening schools 163, 533
objectivos de la escuela rural agricola elemental 439
organization and administration 40
publications 40, 103, 163
training objectives 1044
what's new in agriculture 946
workers in subjects pertaining to, list 865
yearbook of agriculture 946

Page

Agriculture—Continued.
see also Extension work—Farms—*also* certain headings beginning Agricultural—Farm—*also* names of special products.
Agriculture and Commerce Department of Porto Rico:
to amend organic act of Porto Rico—
hearing 530
reports 500, 530, 634
Agriculture and Forestry Committee, Senate:
calendar 35, 405, 512, 659, 967
hearings 35, 405–406, 512, 659–660, 797
reports 35–36, 405, 512–513, 659–661, 797
Agriculture Committee, House:
calendar 101, 489, 622, 792
hearings 395, 489, 622, 792, 882
minority views 395
reports 395, 489–490, 621–622
Agriculture Department 3, 83, 147, 209, 281, 371, 465, 595, 757, 861, 945, 1019
appropriations, 1931—
estimates 578, 740
appropriations, 1932—
analysis 1019
estimates 450
hearings 395, 513
law 782
reports 395, 513, 619
destroy common barberry, poster 210
film strips and lantern slides 213, 284
functions 281
growth, structure, and functions 152
leaflets—
available 152, 470, 599, 867, 949
of interest to residents of towns 88, 1024
see also subjects of leaflets.
library 376, 471
report, 1930 376
work 471
list of technical workers 281
official record, weekly publication 3, 83, 147, 210, 281, 371, 466, 595, 758, 861, 945, 1019
index to v. 9 595
publications—
available for distribution, Dec. 1930 763
monthly list 4, 148, 210, 281, 371, 466, 758, 861, 945
recent agricultural publications 282, 946
publications on (lists)—
bees 213
cattle 863
concrete 153
corn 103
cotton 103
farm management 103
forestry for the farm 286
horses 211, 947
irrigation 244
logs for various purposes 869
sanitation in milk production 864
sweetpotatoes 152, 217, 1026
trees, planting and care 286
regulations, amendments and reprints 758, 945
report of Secretary, 1930 371, 946
technical bulletins—
title-pages, with contents 152, 470
see also subjects of bulletins.
work in Alaska—
coordinate with Alaska Game Comn. 512, 622
to facilitate 512, 615
yearbook of agriculture 946
see also Farmers' bulletins—Hyde, Arthur M.
Agriculture Department Solicitor, *see* Solicitor of Department of Agriculture.
Agriculture Departments, etc., of States, *see* names of States.
Agriculture, Forestry, and Animal Industry, Inter-American Conference on, *see* Inter-American Conference on Agriculture.
Agronomist of The Panama Canal, *see* Panama Canal (zone.)

Page

Agropyron smithii, effects of grazing 209, 281
Agua Caliente band of Mission Indians 837
Aguila Mountains quadrangle, Ariz 314
Aguirre, Bahia, chart 259
Ahnapee & Western Ry.:
freight rates 903
rates on—
drain pipe solvent 903
horses 178
sewer-pipe 183
wool 908
Aids to aviation, *see* Lights—Radiobeacons.
Aids to navigation, *see* Lighthouses Bureau—Navigation—*also* names of places where aids are located.
Aiken, Friend (Fred, p. 51, incorrect) M.:
case of administratrix 51, 426, 576
Ailerons, *see* Airfoils.
Ainslie, George G., larger corn stalk-borer 1022
Ainsworth, Cyril, safety standards 341
Air, *see* Aerology—Aeronautics—Atmosphere—Temperature.
Air analyzer for fine powders 609
Air commerce, *see* Aeronautics.
Air commerce bulletin 11, 91, 154, 220, 292, 381, 474, 603, 767, 872, 953, 1029
Air Corps 141, 276, 367, 459, 939, 1013
airplane engine mechanic, training 938
Army regulations—
regulations 1012
technical regulations 77, 204, 751, 853
training regulations 752
aviation charts, index 438, 566, 1068, 1069
combined training with Coast Artillery 77
extension courses of schools 752, 1087
information circular 141, 276, 277, 367, 459, 939, 1013
metalclad transport airship 101
supply system, Army extension courses 752
Air Corps Tactical School 1087
Air depots, *see* Airports and aviation fields.
Air flow:
fabrics, measuring air permeability 485, 611
investigation in wind tunnels 59
Air mail:
carriers, uniform system of accounts 569
contracts, routes, etc., information 835
fines for unnecessary delays, etc 528, 617
flyer's medal of honor 410, 617
routes in North and South America 925
schedule of routes to foreign countries 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073.
service to—
Brazil 347
French Guiana and Brazil 194, 261
Venezuela, first flight to Maturin 568
Air Mail Service 569, 925
Air navigation, *see* Aeronautics, and references.
Air pilots, *see* Aviators.
Air routes, *see* Airways.
Air-ships, *see* Airships.
Air stations, *see* Airports and aviation fields.
Air traffic rules 127, 154
Aircraft:
accidents—
and forced landings, Army regulations 1012
method of analysis 125, 1064
statistical studies 367
which occurred May, 1926–May, 1930 953
airworthiness requirements 603
ammunition, technical regulations 458, 586
blind landing, radiobeacon, etc., for 230, 486
bombs, Army technical regulations 458
engines, *see* Engines.
Federal standard stock catalogue 1008
flow and force equations 59
purchased by Navy Dept. during 1930 435
repairs, etc., air commerce regulations 872
torsion of members 60
transport services overseas 635, 666
welded joints in tubular members 60, 1064
wood gluing in manufacture 215
woods, their properties, selection, etc 255, 1064
see also Aeronautics—Airplanes—Airships—Gliders (aircraft)—Seaplanes.

Page

Aircraft Accidents Committee, report 125, 1064
Aircraft instruments:
Federal standard stock catalogue 1008
modulus of rigidity of materials 191, 1064
present status 562
see also names of instruments.
Airfoils:
aerodynamic characteristics 59, 191, 562, 1064
aerodynamic theory, etc., of strut forms 59, 60
beams, design of plywood webs 1064
beams, ultimate strength 1064
characteristics, prediction 59
Clark Y, etc., sections on propellers 1064
extended theory of thin airfoils 562, 1065
hinge moments of ailerons 725
oleo strut with compensating valve, test 939
pressure distribution 190, 255, 563, 726, 1064, 1065
rolling, etc., moments, effect of ailerons 1064
rolling moments due to rolling and yaw 992
tests—
in open wind tunnel jets 342, 1065
in propeller research tunnel 60
standardization tests on model 59
wind tunnel data on wing sections 59
wind tunnel tests on models 59
torsional strength of wings 59
wing flutter study 277
wing ribs, design 1064
Airplane Branch, Air Corps 277, 459
Airplane dopes and dope room requirements 459
Airplanes:
absolute ceiling, chart for estimating 828
aerological observations, instructions 290
airfoils—
aerodynamic characteristics 59, 191, 562, 1064
aerodynamic theory, etc., of strut forms 59, 60
beams, design of plywood webs 1064
beams, ultimate strength 1064
hinge moments of ailerons 725
oleo strut, test 939
prediction of characteristics 59
pressure distribution 190, 255, 563, 726, 1064, 1065
R. A. F.-6, etc., sections on propellers 1064
rolling and yawing moments 1064
rolling moments 992
standardization tests on model 59
tests in open wind tunnel jets 342, 1065
tests in propeller research tunnel 60
thin airfoil theory and biplane 562, 1065
torsional strength of wings 59
wind tunnel data 59
wind tunnel tests 59
wing flutter study 277
wing ribs, design 1064
antennas for radiobeacon reception 965
engines, *see* Engines.
hangar fires, rp. of committee on control 381
icing and supersaturation 153
correction of author's name 370
landing gears for F6C-4 airplane 726
landings in gusty surface winds 871
mail matter, *see* Air mail.
maneuverability of F6C-3 airplane 726
manufacture, wages and hours in 1929 560
mechanics, Army training manual 938
noise reduction 221
pressure—
of air on coming to rest 59
over fuselage, PW-9 pursuit plane 991
over tail, PW-9 pursuit plane 563, 1065
propeller tests on single fuselage 1064
ring type cowls, effect on Douglas XO-14 1013
spins, flight measurement 992
wings, *see*, above, airfoils.
see also Aeronautics—Aircraft—Gliders (aircraft)—Seaplanes.
Airport Zoning and Eminent Domain Committee 603
Airports and aviation fields:
airport rating regulations, Sept. 1, 1930 91
airship bases on Middle Atlantic seaboard 952

Page

Airports and aviation fields—Continued.
construction at military posts 23
in—
Canada and Newfoundland 156
District of Columbia, to establish 653
Italy 224
intermediate landing field rules 220
intermediate landing fields, establishment 154
lighter-than-air base, to establish—
estimate 744
law 617
reports 403, 687
list of airports, etc 603
see also names of airports and fields, or places where located.
Airships:
bases on Atlantic seaboard, survey 952
lighter-than-air base in Calif.—
estimate 744
law 617
reports 403, 687
metalclad airship for Army 101
see also Aircraft—*also* names of airships.
Airway bulletin 11, 91, 154, 220, 292, 381, 475, 603, 767, 872, 953, 1029.
index 767
Airway maps, *see* Maps and charts.
Airways:
Federal airways system 475
instructions for observers 765
mail routes in North and South America 925
of North America, scheduled routes 345
of South America, scheduled routes 438, 566
Airwheels, tests on Musselman type 1064
Airworthiness requirements 381, 603
Aitchison, Clyde B., interstate commerce acts 245
Akron & Barberton Belt R. R.:
freight rates 710
rates on—
limestone 1056
rubber 1058
Akron, Canton & Youngstown Ry.:
bonds 45
notes 976
rates 177
rates on—
ball-clay 112
baskets 900
carbon black 174
clay 901
crates 815
creosote oil 709
grain 711
iron 545
iron and steel plates 981
lumber 249
meat 180
petroleum 980
potatoes 547
stone 981
strawboard 184
tin-plate 50
Akyab Harbor, chart 832
Alabama:
Agriculture and Industries Department—
soil survey of Montgomery County 86
bridge, *see* Escatawpa River.
census, 1930—
population 221, 954
unemployment 767
coal-mine safety organizations 609
contested election, Heflin *v.* Bankhead 659
Extension Service—
livestock in Coastal Plain 282
Federal aid highway system progress maps 218, 1026
lands for educational uses 404, 691, 782
mail routes, schedules 67, 195, 443, 732, 999, 1073
post route map 733
Public Service Commission—
v. United States, etc 895
relief 514, 644, 782
v. United States 51, 550, 844, 895, 1079
Alabama & Mississippi R. R.:
rates on—
bricks 978
grain 178

Page

Alabama & Vicksburg Ry.:
freight rates 177
rates on—
agricultural implements 173
bath-tubs 707
butter 1054
cotton 709
cotton-bale covering 978
fruit 979
pitch 1057
wall paper 184
watermelons 322
Alabama By-Products Corporation 550
Alabama, Florida & Gulf R. R., tobacco 908
Alabama Great Southern R. R.:
bonds 704
misrouting 425
rates on—
beverages 900
butter 707
cabbage 707
cement 175
coal-tar 176
cotton-gins 544, 978
cotton-seed 1055
fertilizers 979
grain 815
lignin liquor 816
marble 116
paper 181
peanuts 547, 817
petroleum 117
roofing 249
slag 715
tanks 716
reconsignment 981
Alabama National Forest, resources, etc 867
Alabama Power Co., Wilson Dam 458
Alabama Rock Asphalt, Inc., limestone 1056
Alabama, Tennessee & Northern R. R.:
bonds 1051
misrouting 321
routing lumber 981
Alabama Warehouse Co., fertilizers 815
Alameda, Calif.:
lands on Government Island—
hearings 33
law 29
report 36
Alameda County, Calif.:
health and hospital services 456, 935
lands for military purposes 23
Alaska 312
anthropological survey 355, 446
census, 1930, population bulletin 381
charts 294, 384, 477, 478
coast pilot, supplements 874
first-order leveling 222
fisheries—
1929 223, 959
1930 875
canned products and by-products 959
cured fishery products, production 959
laws, etc., for protection 381
Pacific herring fishery, condition 13
regulation of canneries, hearings 504
regulation of canneries, report 644
salmon fisheries, statistical review 771
fur-seal industry 223
game, etc., laws and regulations 149, 863
game law, to amend 615, 659
geology and mineral resources 106
governor, report, 1930 312
governor, to fix salary 34, 694, 782
hygiene, U. S. to cooperate in promotion 791
information for prospective settlers 374
lands—
reserved for Alaska Game Comn 67
reserved for educational purposes 67
restoration from salmon hatchery res 1074
withdrawal, amending Exec. order 263
withdrawal, coal lands 837
withdrawal, for Alaska Road Comn 443
withdrawal, for radio station 263
map 537
mine production value, 1928, map 298
mineral industry 419
mineral resources, 1927, index, etc 43

Alaska—Continued. Page
mineral resources, 1928 537
natives—
estimate for education of natives 742
work of Education Bureau, 1926–28 241
porpoises, notes on 2 skeletons 446
postal service—
mail routes, schedules 732, 836, 1073
money-order post offices 129
post route map 733
power-site restorations 67, 263
publications—
for sale by supt. of documents 808
of Geological Survey 419, 537
pulpwood supply 35
radio stations, chart 1069
roads, bridges, and trails, report 590
salmon-tagging experiments, 1929 156
secretary, to fix compensation 34, 694, 782
triangulation adjustment 93
Upper Cretaceous floras 43
woods, distribution, etc 763
work of Agriculture Dept., to facilitate 512, 615
Alaska Agricultural Experiment Stations 374, 469
report, 1929 469
Alaska Boundary Commission, *see* International Boundary Commission, United States-Alaska, and Canada.
Alaska Game Commission:
circular 149, 863
coordinate fiscal business 512, 622
reservation of land for use 67
Alaska Junk Co., Inc., pipe 547
Alaska Railroad:
investigation, report 513
lots in Nenana, Exec. order reserving 195
relief of certain employees 18
Alaska Railroad, Special Select Committee on Investigation of, Senate:
report 513
Alaska Road Commissioners Board 590
public land for, order withdrawing 443
report on roads, bridges, etc., 1930 590
Alatary Mica Co., United States *v.* 532
Albany, N. Y., airway maps 11, 221, 475
Albany Billiard Ball Co. 238
Albany Southern R. R., rates on lumber 115
Albatross, Fisheries steamer:
Pseudochromidae, etc., collected 1002
Albedometer, field 1027
Alben, A. O.:
soil surveys—
Eugene area, Oreg 597
Grande Ronde Valley area, Oreg 212
Albert, Barnet, relief 777
Albert, W. B., study of cotton plant 1019
Alberts, H. W., information for settlers in Alaska 374
Albuquerque Paint & Glass Works 115
Alcoa Ore Co., bauxite 814
Alcock, John L., & Co. *v.* United States 234, 909
Alcohol:
alcohol, hygiene, and public schools 935
thermal properties of ethyl alcohol 965
see also Alcohol (denatured)—Wood-alcohol.
Alcohol (denatured):
decisions, industrial alcohol 450, 578, 740, 846, 932, 1007, 1081
production, etc., regulations 934
rates on 900
Alcoholic liquors, *see* Liquors.
Alcoholic neuritis 1011
Alcolu R. R.:
freight rates 114
misrouting 321
Alden, Amelia P., *v.* United States (cases 141–154) 53, 821
Alderman, L. R.:
adult education, 1928–30 1047
adult education activities 241
college and university extension helps 105
Alderson, Wroe, dry goods distribution 296
Aldose sugar, *see* Sugar.
Aldrey, Pedro de, temporary judge of Porto Rico district court 67
Aldrich, J. M.:
collecting flies in the West 840
flies of family Calliphoridae 198
Aldrich, J. M.—Continued. Page
flies of genus Sarcophaga 356
flies of genus Stylogaster Macquart 265
Aldridge, Alfred S., *vs.* United States 103, 250, 819, 844, 1006
Aleutian Islands:
coast pilot, supplement 874
map 537
radio stations, chart 1069
Aleutian Islands Reservation, administration 760
Alexander, Mrs. Cecil, appointment 999
Alexander, George W., fire weather 379
Alexander, Lucy M.:
eggs at any meal 1024
lamb as you like it 287
Alexander, Lyle T., analysis of phosphates 284
Alexander, Conover and Martin, Inc 185
Alexander Paper Co., paper 713
Alexander, Port, chart 191
Alexandria, La.:
bridge 401, 488, 518
post office, etc., existing appropriation 743
Alexandria, Va., land near Battery Cove, sale 33
Alexandria Bay, N. Y., bridge 402, 618, 672
Alfalfa:
commercial varieties 1024
hay, producing, baling, etc., for market 282
hay, quality in rel. to curing practices 867
irrigation practices 8
seed production, chalcid control 1022
utilization 763
vitamin A source 861, 945
Alfalfa meal, rates on 706
Alford, J. W., *v.* United States 185, 550, 844
Alford, T. Brooks, relief 396
Algers, Winslow & Western Ry.:
construction, etc 110, 317
operation 976
securities 704
Algonquin, Ill., bridge 501, 616, 667
Alice Deal Junior High School, closing streets near 25
Alien Property Custodian 10, 154, 291, 602, 766, 953
certain power and authority 1074
report, calendar year 1930 766
Aliens:
admission into United States—
consular regulations 356
documents required 195
medical examination, regulations 749
number unlawfully entered 559
passport visas 132
communists, exclusion and expulsion 632
deportation, to expedite—
minority views 632
reports 632, 677
enemy alien deportation from China 574
exclude in census for apportionment 643
narcotic law violators, deportation—
hearing 521
law 783
report 677
prisoners, parole and deportation 682, 787
publications concerning, for sale 417
seamen, deportation—
hearings 882
minority views of Mr. Free 794
report 794
status, convention of American republics 70
see also Immigration—Naturalization.
Alinement charts in forest research 599
Aliquippa & Southern R. R., limestone 980
Alkali cyanides, purification and analysis 1038
Alkali lands, crops 764
Alkaloids, ergot, colorimetric reaction 272
Alker, Florence A., case of executors 250, 909
Alkire-Smith Auto Co., automobiles 542
Allard, H. A., soybeans 371, 471
Allegany County, N. Y., in customs dist. no. 8 264
Allegany Reservation, receipts from leases 534
Allegheny National Forest:
climatological charts for region 870
resources, recreation features, etc 470
Allegheny River:
bridges in Pennsylvania 500, 635, 666, 782, 799
light list 226
preliminary examination and survey, rp 752
relief of certain persons at Schenley, Pa 18

Page

Allegheny Tube and Steel Co. 890
Allegiance, to permit reservations in oath 966
Allen, Ada W., relief 779
Allen, Benjamin L., court case 909
Allen, Edward Heron-, *see* Heron-Allen, Edward.
Allen, Ethan, Fort, target range 644, 683, 782
Allen, J. W., interesting spinal cord tumor 436
Allen, Joyce I., *v.* United States 827
Allen, Walter H., relief 525, 650
Alleys, *see* Streets.
Allgood, Miles C. (Representative from Ala.):
  report made by—
    War Claims Com 657
Allied Oil Co., Inc., petroleum 980
Allien, William H., alias, *see* Allen, Walter H.
Alligator mississippiensis, glands 839
Allman, John, relief 643
Allman, Lee, relief 643
Allotments, *see* Indians, and names of certain Indians, tribes, and reservations—*also* certain headings beginning Pay.
Allowances, *see* Foreign service—Pensions—Traveling expenses—*also* certain headings beginning Pay.
Alloys:
  bismuth use in fusible alloys 302, 484
  dental amalgam, standard stock catalogue 1082
  flow characteristics, Fe-Ni-Cr alloys 17, 98
  see also Aluminum—Lead.
Almanacs:
  American ephemeris and nautical almanac, 1933 1069
  American nautical almanac—
    aeronautical supplement, 1930 64
    supplement, 1931 438
  ephemeris of sun and Polaris, 1931 418
Almon, Edward B. (Representative from Ala.):
  report made by—
    Roads Com 510
Almond, histology 465, 468
Alpena Leather Corporation, misrouting 905
Alpha-cellulose content, etc., of paper 880, 1039
Alpha Portland Cement Co. *v.* United States 305
Alpha Steamship Corporation *vs.* Robert Cain 359
Alter, J. Cecil, mud floods in Utah 290
Alter & Co 807
Altieri, Mary A., *see* Frusolone, Mary A.
Altimeter, pressure element 59
Altitudes:
  of Polaris, 1931 418
  water freezing point in atmosphere 952
Altman, B., & Co. *v.* United States 185
Alton & Eastern R. R.:
  control 110
  rates on—
    coal 113
    explosives 177
    gasoline 178
    petroleum 181
Alton & Southern R. R.:
  rates on fuel oil 979
  v. United States 51
Alton Brick Co., demurrage 114
Aluminum:
  alloy propellers, charts for selection 59, 1064
  Federal standard stock catalogue—
    aluminum-bars, sheets, etc 1082
    aluminum-utensils 1081
    aluminum-ware 1081
  production in 1929 1035
  rates on 706
Aluminum Castings Co. *v.* Carl F. Routzahn 322, 449
Aluminum flake, rates on 900
Aluminum-ore, *see* Bauxite.
Alvarez, Ruth S., theories of anaphylaxis 585
Alward, Leslie T., *vs.* C. G. Johnson 930
Amaknak Island, restoration of public lands 263
Amalgam, dental, standard stock catalogue 1082
Amann, E. C., bridge 400, 487
Amarillo helium plant completion, hearings 233
Amber Furniture Co., furniture 177
Amblyopia, psychogenic 1066
Ambrosini, M. G., & Co., granite 815
Amdur, M. K., reflexology 203
Amelia Island lighthouse reservation 635, 782

Page

America:
  agriculture, debt to tropical America 260
  ancient, population 353
  conciliación y arbitraje 996
  history—
    exhibition of prints 561
    publications for sale 105, 971
    writings on American history, 1927 355
  see also American republics—Central America—Latin America—North America—South America—United States—West Indies.
American archaeology, *see* Archaeology.
American Bankers Association, address of President Hoover at convention 263
American Barge Line Co 424
American Battle Monuments Commission:
  erection of memorials in Belgium 266
  estimate, 1932, proposed provision 578
American Bond and Mortgage Co. 119, 426, 576, 982
American branch factories abroad 607
American Bridge Co. *v.* United States 322, 1041
American Chemical Co 239
American citizens, *see* Citizens of United States.
American Cotton Waste & Linter Exchange 713
American Electric Switch Corporation 710
American ephemeris and nautical almanac, 1933 1069
American Ethnology Bureau, *see* Ethnology Bureau.
American Expeditionary Forces:
  memorial to Dover Patrol 789
  memorial to 2d Division 644, 789, 801
American Federation of Labor, address of President Hoover at convention 263
American Fruit Growers, Inc., *vs.* Brogdex Co 844
American Gas Association, warning agents 387
American-German Claims Commission, *see* Mixed Claims Commission, U. S. and Germany.
American Glue Co. *v.* United States 322, 333
American-Hawaiian Steamship Co.:
  rates on cigars 1001
  v. United States 322, 694
American Hide & Leather Co. *v.* United States 305, 886, 982
American Historical Association 132, 355, 737
  proceedings—
    1927 132
    1928 132
    1929 737
  reports—
    1927, supplement 355
    1927 and 1928 132
    1929 737
American history, *see* History.
American Hoist and Derrick Co. employees 34
American Indians, *see* Indians.
American Institute of Cooperation, address by Stanley Reed 1044
American-LaFrance & Foamite Corporation (successor to American-LaFrance Fire Engine Co., Inc.) 675, 792
American Legion:
  address of President Hoover 263
  loan of equipment for 1931 convention 504, 524, 782
  proceedings of nat. encampments, to print 689, 790
  proceedings of 12th nat. convention 1040
  statements, nat. rehabilitation committees 659
American Manganese Manufacturing Co 103, 250, 577
American marine standards:
  lists and indexes 612
  standards for—
    bolts and catches for ship doors 301
    brick and mortar, insulating 99
    caps for propeller hubs 231
    diatomaceous earth 160
    fire hose, 2½-inch unlined linen 99
    locks and accessories for ship doors 231
    metal frame berths, etc., for ships 301
    oil-burning apparatus and fuel oil 485
    sash hardware for ships 303
    uniforms for merchant marine officers 486
    wire ropes 100

Page

American Marine Standards Committee 99, 100, 160, 231, 301, 303, 485, 486, 612
American Mechanical Engineering Corporation 249
American-Mexican Claims Commission, *see* General Claims Commission, U. S. and Mexico.
American Milk Products Corporation 234
American Molasses Co 119
American Mutual Liability Insurance Co 823
American National Institute at Paris 682
American National Red Cross:
anniversary address of President Hoover 1074
commemorative postage stamps 998
emergency low-cost food supply 763
family's food at low cost 470, 867
American nautical almanac:
aeronautical supplement, 1930 64
supplement, 1931 438
American Newspaper Publishers Association, news ink, etc., report at conference 971
American Oil & Supply Co., benzol 707
American Oil Co., gasoline 904
American Organizing Commission, *see* Permanent International Association of Road Congresses.
American Patents Development Corporation 1004
American practical navigator 343
tables from 1067
American Railway Express Co.:
rates on—
cream 176
ice cream 320
v. United States 323
American Red Cross, *see* American National Red Cross.
American republics:
conventions—
duties and rights in civil strife 70
status of aliens 70
intellectual cooperation 1070
same (in Spanish) 996
United States and other republics 738
see also America—Latin America—Pan American Union—*also* names of republics.
American Revolution, National Society of Daughters of, *see* National Society of Daughters of American Revolution.
American Rolling Mill Co., coal 978
American Samoa:
census, 1930—
agriculture 768
population 222, 768
Commission's visit, Sept.-Oct., 1930 1028
customs, immigration, harbor regulations 473
dengue epidemic report 1066
government—
proposed organic act 474
regulations and orders, codification 473
report to accompany S. 5621 529
hearings before American Samoan Comn 473
map 537
post route map 733
publications for sale by supt. of docs 165
see also Tutuila.
American Samoan Commission 473, 1028
report 474
American Savings Bank & Trust Co 426
American School of Correspondence 697
American School of Home Economics:
complaint, etc., of Federal Trade Comn 164
Federal Trade Comn. *v.* 970
American Seating Co 323
American Snuff Co., Federal Trade Comn. *v.* 164
American Social Hygiene Association, seamen with venereal disease 76
American Society of Composers, Authors and Publishers, Jewell-LaSalle Realty Co. *vs.* president 930
American Society of Mechanical Engineers, boiler-furnace refractories 481
American Standards Association:
abrasive wheels, safety code 560
dry cells and batteries, specifications 484
American Sugar Refining Co., sugar 716

Page

American Sumatra Tobacco Corporation:
manures 1056
mats and matting 713
tobacco 818
American Tank Co., tanks 184, 908
American Tar Products Co., tar 1058
American Textile Woolen Co., silk noils 715
American Vocational Association, rp 1044
American Vocational Dairy and Poultry Convention, 6th, at St. Louis, Mo., 1930 163
Americans, *see* Citizens of United States.
Ames, Charles W., case of executors 426
Ames, Roger P., to recognize public service 683
Ames, Iowa, Home Making Conference 809
Amicon Fruit Co., peaches 547
Amidostomine worm from anserine birds 840
Amite River, navigation, flood control, etc 78
Ammonium-chloride, standard stock catalogue 269
Ammonium sulphate, rates on 542
Ammunition:
Army regulations—
ammunition allowances 1012
infantry and aircraft 458, 586
miscellaneous 275, 458, 853
mobile artillery 752, 938
nomenclature lists 460, 461, 592, 1015
rates on 47
storehouse at Fort Benjamin Harrison 505, 684, 784
Amoeba proteus, glutathione effect on cell 456, 850
Amos Lumber Co.:
logs 816
lumber 179, 546
Amphipod crustacean, new species 840
Amplifiers, rates on 814
Anacostia Park, report 586
Anacostia River, reclamation, etc 586
Anaesthesia, *see* Anesthesia.
Anahma Realty Corporation 119
Analysis, *see* names of substances, etc., analyzed.
Anaphylaxis:
anaphylactic shock accompanying malaria 1066
theories of anaphylaxis 585
Anaplasmosis in cattle 596
Anchors, etc., standard stock catalogue 135
Anderson, A. C.:
soil surveys—
Manitowoc County, Wis 947
Sauk County, Wis 150
Anderson, Arthur, quality of alfalfa hay 867
Anderson, C. A., exacerbation of tuberculosis 1011
Anderson, Charles E., relief 18
Anderson, Charles W.:
Daniel Reeves, Inc., *v.* 335
Laura H. Jennings *v.* 330, 333
V. Loewers Gambrinus Brewery Co. *v.* 187, 553
Anderson, Elna:
cotton, sugar, and tobacco statistics 4
fruit and vegetable statistics 4
grain statistics 4
miscellaneous agricultural statistics 84
statistics of miscellaneous crops 84
Anderson, G. D., *v.* United States 323
Anderson, George, United States *v.* 909
Anderson, Harry B., investigation 394, 642
Anderson, Harvey L., ring type engine cowls 1013
Anderson, Katherine, relief 18
Anderson, M. S., colloidal materials in soil 468
Anderson, Peder, relief 525, 614
Anderson, Raymond F., airfoils 191, 1064
Anderson, W. D. A., Mobile, Ala., district, rp 588
Anderson, W. I., & Co., vegetables 818
Anderson, W. M., quinidin in auricular fibrillation 1066
Anderson, W. S., diagnosis of peptic ulcer 366
Andrew, Gwen H., neuropsychiatric nursing 366
Andrews, William N., case of executrix 426
Andrews Steel Co. *v.* United States 234, 323
Androscoggin River flood control, etc 587
Andrus, C. Frederic, sex in Uromyces 1026
Andrus, C. G., Northeastern States ceiling, etc 90
Andrus, John E., jr., court case 250
Andrus, John H., substitution for name James A. Andrus 23
Anemia:
aplastic, following arsphenamine 1066
of dogs, produced by feeding onions 138

Page

Anemometer measurement of air speed 59
Anesthesia:
essentials of local anæsthesia 751
gas anesthesia 203
in peritonsillar abscesses 937
local anesthesia in appendectomy 829
requirements for Navy needs 1066
sodium amytal as general anesthetic 585
Angfartygs Aktiebolaget Tirfing 235
Anghel, Julius, soap 806
Angier Corporation, court cases 909
Angina pectoris 140
Angola, La., railroad accident 45
Anguish, Ben D., watermelons 322
Angwin, W. A., *v.* United States 305
Anhematopoiesis following neoarsphenamine therapy 436
Anhydrides:
difructose, and anhydrofructose 160, 301
difructose, from hydrolyzed inulin 880, 881, 1038
Anhydrofructose, individuality 160, 301
Animal fats, *see* Fats.
Animal Industry, Inter-American Conference on Agriculture, Forestry, and, *see* Inter-American Conference on Agriculture.
Animal industry, publications 165, 972
Animal Industry Bureau 4, 84, 148, 211, 283, 372, 467, 596, 759, 863, 946, 1020
directory 946
orders 83, 209, 281, 595, 1019
report, 1930 283
service and regulatory announcements 5, 85, 149, 211, 283, 467, 597, 760, 863, 947
index, 1930 597
war map of tuberculosis, poster 85
work 372
see also Mohler, John R.
Animal oils, *see* Oils.
Animals:
care and stable mangement 458
control, etc., predatory wild animals—Biological Survey field information 863
hearings 660
law 787
reports 490, 660
domestic animals in Canal Zone 639
experimental addiction to opiates 851, 1085
insects injurious to, publications 417
publications on wild animals 534
zoological nomenclature, opinions 573
see also Cattle—Diseases of animals, and names of diseases—Food for animals—*also* names of animals.
Anions, acid dye, adsorption by soil colloids 209, 212
Anita Institute 310
Aniuru Pass, *see* Pakaka Pass.
Anketell Lumber and Coal Co. *v.* U. S 886
Ann Arbor R. R.:
freight rates 319
rates on—
buttermilk 112
electric switches 710
furniture 903
grain 115
lumber 320
oil torches 181
paper board 713
soapstone 183
vs. California Growers' and Shippers' Protective League 72
Annapolis, Md., *see* Engineering Experiment Station, Annapolis—Naval Academy, Annapolis.
Annapolis Roads, pier 392
Annisquam River, chart 875
Anniston Traffic Bureau:
grain 711
potatoes 117
Annulment of marriage, *see* Marriage.
Anorbe, Juan, relief 18
Ansley, E. B., trade in petroleum, etc 157
Ansley, W. O., jr., *v.* Federal Radio Comn 309
Ant, *see* Ants.
Antarctic meteorology 952
Antennas, airplane, for radiobeacon reception 965
Anthony Co., Inc., *v.* United States 694

Page

Anthracite coal, *see* Coal—Coal mines and mining.
Anthracnose cause of red clover failure 949
Anthropology, *see* Man.
Antiabortus sera, zone phenomenon 273, 584
Antiaircraft artillery, nomenclature list 143
Antigua, money-order post offices 129
Antilles, Greater, motion pictures 877
Antilles, transport:
relief of members of crew 18
Antimony:
addition to bearing bronzes 99, 230
production in 1929 226
Antineuritic vitamin, *see* Vitamins.
Antipendulum apparatus and fracture frame 256
Antirabic vaccine paralysis 139, 272
Antitrust laws, *see* Trusts.
Antitularense sera, zone phenomenon 273, 584
Antonean, John, *v.* United States 325
Ants:
house ants, control 86, 864
two destructive Texas ants 285
Aorta:
narrowing at its isthmus 750
syphilis of, with atelectasis 1011
correction of entry 1018
Apache Powder Co., Chile saltpeter 50
Apalachicola Northern R. R.:
bonds 704
rates on fish-oil 710
Apanteles, parasite of European corn borer 865
Apartments, remodeling and modernization 871
Apex Company, wall paper 184
Apfelberg, Benjamin, gunshot wound 203
Aphid, melon, and its control 598
Aplastic anemia following arsphenamine 1066
Apollo Steel Co 323
Apostle Islands, chart 941
Appendectomy, local anesthesia 829
Apple:
arsenical injuries from washing 1024
bitter-rot and its control 471
decay, relation of aspergilli (2 entries) 465
diseases in storage 287
hairy-root of nursery trees 209, 377
heterothallic pathogene 147, 216
marketing—
apples from Cumberland, etc., region 862
barreled apples 282
supplies and prices 862
orchard renovation 216
pectin extracts, homemade, for jelly 376
powdery mildew control 377
rates on apples 47, 706, 900
yields, effect of weather 952
Apple butter, standard stock catalogue 1082
Apples, *see* Apple.
Appointments, *see* Civil service—Foreign service—Government officials and employees—Post offices—*also* names of Departments, bureaus, etc.—*also* names of persons appointed to office.
Appomattox Court House, Va., termination of Civil War, commemoration 24
Appomattox River, Continuation of, chart 295
Apportionment of Representatives in Congress:
exclude aliens from count 643
hearings on various bills 792
major fractions method 92
number of persons in each State 381
number which each State will receive 603
on basis of censuses of 1930 and 1910 873
Appraisers, Assistant Appraisers, and Other Customs Officials, Conference of, *see* Conference of Appraisers, Assistant Appraisers, and Other Customs Officials.
Apprentices in Government Printing Office 534
Appropriations:
deficiency and supplemental, 1930, etc—
law 23
reports 30, 33
deficiency and supplemental, 1931, etc.—
hearings 490, 513, 623, 797
laws 615, 782
reports 490, 513, 619, 623, 661, 790
digest, 1931, and prior years 578

Page

Appropriations—Continued.
estimates, 1933, Budget Bureau circular 846
legislative, 1932—
hearings 490
law 782
reports 490, 619, 661
statements, 71st Congress 233, 1040
see also Budget—Government offices—*also* names of Departments, bureaus, and objects.
Appropriations Committee, House:
appropriations, budget estimates, etc 233
hearings 395–396, 490–491, 623, 882
minority views 491
reports 395–396, 490–491, 623
visit to reclamation projects, 1931 1050
Appropriations Committee, Senate:
appropriations, budget estimates, etc 233, 1040
hearings 406, 513, 661, 797
reports 406, 513–514, 661
Apricots, drying, etc., effect on vitamins 595, 758
Aprons, rubber surgeons', stock catalogue 135
Aquariums, rates on 112
Aqueduct Bridge, District of Columbia, repair 586
Arafura Sea, chart 565, 728
Arakan River, chart 832
Aransas Harbor Terminal Ry., potatoes 1057
Arapaho Indians, per capita payment 500, 522, 619
Arari Ko, chart 438
Arbitration:
treaties with—
Belgium 198
China 841
Estonia 70
Iceland 266
Italy 737
Latvia 133
Luxemburg 198
Netherlands 133
Arbor day, its purpose and observance 286
Arboretum, *see* National arboretum.
Arbuckle, John, relief of admx 18
Arbuthnot Oil Co., gasoline 711
Arc spectra, *see* Spectra.
Arcade & Attica R. R.:
rates on—
iron ores 320
shoe last blocks 183
Arcade Manufacturing Co., petroleum 321
Arcata & Mad River R. R., deficit status 46
Arceneaux, George, tests of sugarcanes in La 868
Archaeologist for Interior Department 312
report, 1930 312
Archaeology:
American archaeology series 1070
ancient culture of St. Lawrence Island 840
Indian antiquities, publications for sale 972
Kiatuthlanna ruins, eastern Arizona 1001
Pueblo ruins in Piedra district, Colo 70
reconnaissance in Texas and Nevada 840
royal tombs in Ur of the Chaldees 355
White Mountain Apache Res. ruins 265
work in the Americas in 1929 and 1930 1070
see also Man.
Archer-Daniels-Midland Co.:
flaxseed 815
linseed-oil 249
Archers Creek, bridge 650
Archibald, J. G., composition of grass 209, 281
Architect of Capitol 380, 474, 602
estimates of appropriations 380, 474, 602
report, 1930 474
Architect, Supervising 201, 846
drafts of proposed provisions 450, 740
estimates 740
Arcs, terrestrial, tables for lengths 294
Ardery, E. D., Huntington, W. Va., district, report 587
Arentz, Samuel S. (Representative from Nev.):
reports made by—
Indian Affairs Com 399, 634
Irrigation and Reclamation Com 642
Public Lands Com 510, 654
Argentiferous ores, relations of silver to other metals 227
Argentina, collection of accounts 771

Page

Arizona:
census, 1930—
agriculture 954
population 381, 954
unemployment 954
copper mines, ventilation 387
Federal aid highway system progress map 869
gold, silver, copper, etc., 1928 226
lands—
reserved for Papago Indians 787
withdrawal for classification 196
withdrawal for customs, etc 263
withdrawal for resurvey 837
withdrawal for townsite purposes 131, 1000
withdrawal in aid of legislation 570
nitrate, deposits, southeastern Arizona 810
postal service—
mail route schedules 67, 263, 443, 732, 1073
post route map 733
prehistoric canals from the air 840
public water restorations 67, 1074
v. California, etc. (Colo. River waters) 550, 819, 1004
Arizona, U. S. S.:
lead poisoning from chipping 829
Arizona Agricultural Experiment Station:
Buckeye-Beardsley area soil survey 212
Salt River Valley soil survey 864
Arizona Eastern R. R., rates on sugar 118
Arizona University:
Mining and Metallurgy Department—
leaching 961
see also Arizona Agricultural Experiment Station.
Arkansas:
bridges, *see* Arkansas River—Black River—St. Francis River—Saline River.
census, 1930—
agriculture 954, 1029
population 154, 872
unemployment 603
Federal aid highway system progress map 218
mail routes, schedules 262, 569, 925
post route map 733
power-site restoration no. 447 263
Arkansas, U. S. S.:
daily radio weather maps at sea 728, 729
Arkansas Agricultural and Mechanical College, beef production 211
Arkansas Agricultural Experiment Station, beef production 211
Arkansas & Louisiana Missouri Ry.:
rates on—
machinery 180
rice 715
Arkansas Basket Manufacturing Co., Inc 249
Arkansas Central R. R., rates on petroleum 980
Arkansas Land and Lumber Co 250
Arkansas Natural Gas Corporation 1057
Arkansas Portland Cement Co 1058
Arkansas Railroad, freight rates 979
Arkansas River, bridge 23
Arkansas Valley Interurban Ry.:
rates on—
coal 978
peaches 905
Arkansas Valley soil survey 863
Arkansas Western R. R., rates on coal 978
Arlington, Oreg., bridge 400, 616, 666
Arlington County, Va., participation in government by Federal employees 1000
Arlington Memorial Bridge:
approach road, construction 690
highway to Mount Vernon 524
lands near west end, exchange 508, 653, 691, 788
Arlington National Cemetery expenses, estimate 744
Armanent conferences, *see* Disarmament.
Armington, J. H., cooperative climatological work 601
Armistice day, 1930, proclamation 351
Armored cars, Army extension courses 1012
Armour & Co.:
butter 1054
fruit 545
hides and skins 980
lard substitutes 545
peanuts 905

Page

Arms:
exportation to Brazil prohibited 264
in Canal Zone, to regulate carrying, etc. 640
see also Firearms—Ordnance—Pistols—Weapons.
Armstead, Frank R., *v.* United States 968
Armstrong, Charles:
bacillus psittacosis Nocard 202, 583
psittacosis outbreak in 1929–30 139, 364
vaccinia in rabbits, pathology 584
Armstrong, G. M., study of cotton plant 1019
Armstrong, Johana, relief 623
Armstrong, S. W., soil of Salt River Valley 864
Armstrong, Fort, Exec. order describing 351
Armstrong-Whitworth spars, *see* Spars.
Armuelles, Puerto, chart 192
Army:
appropriations for War Dept. and Army, 1932—
hearings 491, 513
law 789
reports 491, 514, 621
as a career 1087
baggage shipment, settlement of accounts 506
band, *see* Army Band.
bandmasters (H. R. 2756, etc.)—
hearings 403
reports 504, 645
enlisted men—
blue dress uniforms 101
good-conduct medal 647
regulations 204, 275, 366, 457, 938, 1012, 1087
see also, below, personnel.
extension courses 77, 141, 204, 275, 366, 367, 458, 459, 586, 752, 854, 939, 1012, 1087, 1088
announcement 1087
field manual, Marine Corps distribution 343
list and directory 141, 275, 586, 939
officers—
directory 141, 275, 586, 939
disbursing accounts 397, 515, 626, 664
in or near District of Columbia 77, 276, 459, 939
register, 1931 586
regulations concerning 751, 1012
various relief bills, hearings 967
see also, below, personnel.
Olympic games, participation by Army 505, 525, 787
opinions of judge advocate general 1089
pensions, *see* Pensions.
personnel—
disposition of personal effects 409, 497, 782
indebtedness to U. S., prohibit recovery 645
regulations concerning 275, 366, 853, 938, 1012, 1087
see also, above, enlisted men—officers.
publications for sale by supt. of docs 534
ration, prescribing 505
register, 1931 586
regulations 77, 140, 204, 274, 275, 366, 457, 586, 751, 853, 937, 938, 1011, 1012, 1086, 1087
current pamphlets and changes 366
index 751
miscellaneous regulations 204, 457, 938, 1012
technical regulations 77, 204, 275, 366, 458, 586, 751, 752, 853, 938, 1087
technical regulations, lists 853
technical regulations, Marine Corps distribution 343
training regulations 77, 204, 275, 752, 853, 854, 938, 939
training regulations, lists 853
training regulations, Marine Corps distribution 343
supplies, *see* Army supplies.
training manuals—
Air Corps, airplane mechanic 938
chaplain, changes 941
lists of training manuals 853
Marine Corps distribution 343
saddler 141
submarine mining 458
training publications, lists 853
Yorktown celebration, Army to participate 644

Page

Army—Continued.
see also American Expeditionary Forces—National Guard—Pay, Army—Recruiting and enlistment—Retired list, Army—Soldiers—*also* certain headings beginning Military—*also* names of special branches of the service.
Army and Navy General Hospital, Hot Springs:
charges, Executive order 196
reconstruction 23
Army and Navy Joint Board 940
policies, changes 940
Army Band:
attendance at encampment of G. A. R 524, 645, 782, 789, 847
attendance at reunion of U. C. V 504, 524, 615, 744
Army directory, *see* Army, list and directory.
Army emergency officers' retired list, *see* Emergency officers' retired list.
Army extension courses, *see* Army.
Army field manual, *see* Army.
Army hospitals, *see* names of hospitals.
Army list and directory, *see* Army.
Army Medical Library, *see* Medical Department, Army.
Army Medical Museum to accept bequest of William F. Edgar 646
Army National Bank of Fort Lewis 23
Army Nurse Corps, *see* Nurse Corps, Army.
Army officers, *see* Army—Officers' Reserve Corps, Army—Reserve Officers' Training Corps, Army.
Army radio stations, *see* Radio stations.
Army register, *see* Army.
Army regulations, *see* Army.
Army School of Nursing, announcement 753
Army service schools, *see* names of special schools.
Army supplies:
extension courses 752, 939
miscellaneous Air Corps equipment 77
signal supply, Army extension courses 1012
specifications, index 77
see also Military supplies—Public property—*also* special subject, e. g. Projectiles.
Army training manual, *see* Army.
Arnold, John A., relief 661, 777
Arnold, T., report, etc., of Federal Trade Comn 239
Arnold Stone Co.:
rates on artificial stone 715
report, etc., of Federal Trade Comn 970
v. Federal Trade Comn 909
Arnstein Simon & Co., woolen goods 119
Arntzen, J. L., climate not a tuberculosis specific 937
Aroostook Valley R. R. bonds 110
Arrasmith, T. M., jr., influenzal pneumonia 256
Arrastre charge, *see* Terminal charges.
Arrow Rock, Mo., bridge 637
Arrowrock Dam, Boise project, Idaho 420
Arroyos Anchorage, chart 565
Arsenals, *see* names of arsenals.
Arsenic:
apples, arsenical injuries from washing 1024
oxygen consumption of tissues, influence of arsenicals 750, 935
production in 1929 96
syphilis treatment, effect of arsenical compounds 61
Arsphenamine, aplastic anemia following 1066
Art:
Brazilian art 834
customs appeal, art objects 888
education 891
fine arts series 834
works of, catalogue of copyright entries 58, 255, 562, 918, 1063
index and title-page, 1930 918
works of, standard stock catalogue 744
Art Marble Co., X-ite 185
Art Metal Construction Co. *v.* U. S. 323, 982
Arterial hypertension 76, 585
Arteriosclerosis, retinal 585
Artesia Alfalfa Growers' Association, coal 708

Page

Arthritis:
chronic arthritis 852
treatment of chronic arthritis 140
treatment of gonorrheal arthritis 851, 936
Arthur Kill, chart 605
Artificial cold 354
Artificial gas, *see* certain headings beginning Gas.
Artificial stone, *see* Stone.
Artillery:
coast artillery—
target practice regulations 204
training with Air Corps 77
field artillery—
Army extension courses 275
training regulations 275, 854
mobile artillery ammunition 752, 938
mobile artillery matériel 938
see also Ordnance.
Artloom Rug Mills 1045
Artman, Charles E., foreign trade survey of New England 608
Artschwager, Ernst, sugarcane stem epidermis 465, 600
Arwine, James T., hammock for continuous baths 585
Asbestos:
bibliography 387
production in 1929 387
Ascher, R. A., & Co., iron 1076
Ash, S. H.:
coal fields of Washington 772
mining and preparation of coal 772
Ash Grove Lime & Portland Cement Co 543
Ashby, Winifred, Kolmer, Kahn and Kline tests 108
Ashe, W. W., small trees wasteful to cut 215
Asheville, N. C., land for park, etc., purposes 508, 653, 690, 782
Asheville Southern Ry.:
rates on—
fire-brick 979
pipe 1057
Ashland Iron & Mining Co. *v.* United States 1041
Ashland Refining Co., Inc., petroleum 117
Ashley National Forest, add lands 509, 615
Ashmun, R. N., International Boundary Comn 93
Ashurst, Henry F. (Senator from Ariz.):
reports made by—
Indian Affairs Com 521–522, 679
Judiciary Com 801
Public Lands and Surveys Com 691
Asia:
canned foods 771
lights, etc., on coasts 920
markets for motor boats, etc 386
pilot, supplements 727, 830, 919
pteridophyta collected by J. A. Rock 841
tide tables, 1931 12
see also Far East.
Asiatic Station information for officers 727
Askew, Sarah B.:
as bibliothecas circulantes nas escolas ruraes em New Jersey 128
same (in Spanish) 194
Asmus, Henry, farm horseshoeing 596
Asparagus culture 376
Aspen shale of Wyoming, mollusks from 737
Aspergilli, decay in apples (2 entries) 465
Asphalt:
accelerated tests 99, 229
deposits in Choctaw, etc., lands, sale 24
disposition in Utah 509, 691
rates on 1053
specifications, etc 849
standard stock catalogue 579, 847
Asphalt Shingle and Roofing Institute 550
Asphyxia, studies in 1085
Assay Commission 1009
proceedings, 1931, test of coinage, etc 1009
Assessor, District of Columbia, report, 1930 413
Assistant Secretary, *see*, for Departmental assistant Secretaries, names of Departments—*also* names of assistant Secretaries.
Associated Apparel Industries, Inc 531
Associated Furniture Corporation 305, 819

Page

Associated Oil Co., fuel-oil 903
Associated Press dispatches, Santo Domingo hurricane 379
Association of Governmental Officials in Industry of United States and Canada 432
Association of National Advertisers, Inc.:
dinner, remarks of President Hoover 351
post office finances, etc., address 442
Associations, *see* Cooperation—*also* names of associations, or subject with which association has to do.
Asthma, bronchial 203
Aston, M. J., hypernephroma 829
Astronomy, publications for sale 809
Astrophysical Observatory 573
report, 1930 573
Astrup Co., cotton goods 113
Atchafalaya River, bridges in Louisiana 400, 406, 487, 516
Atchison, Kans., switching charges 50
Atchison, Topeka & Santa Fe Ry.:
demurrage 544, 1055
misrouting 180, 547
operation 540
rates 48, 319, 710, 903
rates on—
agricultural implements 706
amplifiers 814
apples 47
asphalt 1053
automobile-tire chains 173, 706
automobiles 173
bakery goods 706
bananas 542, 900
bath-tubs 707
Blatz Malt Vivine 978
boxes 900
bricks 543, 707
broom-corn 1054
brooms 543
calves 707
candy 978
cattle 174, 543, 707, 1054
cement 174, 175, 708, 901, 1054
Chile saltpeter 50
china-clay 901
clay pigeons 814
clothing 424
coal 113, 708, 814
corn 48
dairy products 902
electric motors 176
flour 815
fruit 903
fuel-oil 177, 903
furniture 177
gas-meters 48
gas oil 48, 177, 711
gasoline 114, 320, 904, 1056 (2 entries)
glass 115
grain 545, 975
gypsum 711
hides and skins 980
horses 545
hydraulic rotary lifts 1056
iron 115, 424
ironing-boards 49
lepidolite 904
lubricating-oils 712
marble 49
oil-well supplies 713
orchard heaters 816
paper 116, 713
peaches 181
periodicals 425
petroleum 117, 181, 321, 714, 906, 1057
piling 714
pipe 182, 321, 547, 906
plumbers' supplies 117
poles 906
potatoes 117, 817, 1057
poultry 49, 182
rice 183
road-building machinery 817
roofing 715
salt 907
sand 118
soap 118

Atchison, Topeka & Santa Fe Ry.—Con. Page
rates on—continued.
soda-ash 907
steel 907
sulphur 981
sulphuric acid 907
tar 908
taximeters 50
tile 118
tobacco 1058
wheat 716, 982
wire 119
woolen goods 119
yarn 549
routing 183
switching charges 981, 1058
Atelectasis:
studies of atelectasis 585
with syphilis of aorta and lung 1011
correction of entry 1018
Atherton, C. H., trustee, court case 985
Athletic badge tests for boys and girls 891
Athletic supplies:
specifications, etc. 748
standard stock catalogue 135
Athol Manufacturing Co., smokeless powder 548
Atkinson Milling Co., grain 115
Atlanta, Ga.:
airway maps 91, 872
terms of court, to discontinue 682
Atlanta & St. Andrews Bay Ry.:
operation 976
rates on fertilizers 710, 815
Atlanta & West Point R. R.:
rates on—
bottles 543
cattle 708
cotton goods 319
plate-glass 817
X-ite 185
Atlanta, Birmingham & Atlantic Ry 818
Atlanta, Birmingham & Coast R. R.:
rates on—
cotton-seed 176
gasoline 711, 1056
lumber 424, 712
tar 1058
United States and I. C. C. *v.* 119, 323, 550, 844
Atlanta Journal Co., paper 816
Atlanta Paper Co., paper cups 117
Atlanta-Southern Dental College 550
Atlantic & Pacific R. R., *see* Santa Fe Pacific R. R.
Atlantic & Yadkin Ry.:
rates on—
granite 545
hosiery scraps 711
Atlantic Bridge Co., Inc. 174
Atlantic City, N. J.:
address of Robert P. Lamont 953
National Advisory Council on School Building Problems 106
Atlantic City Railroad, rates on paper bags 116
Atlantic Coal Tar Distillates, naphthalene 116
Atlantic Coast:
acquisition of land for defense 645
airship bases, meteorological survey 952
charts 477, 728
current tables, 1931 384
light lists 608, 877
pilot guides—
coast pilot, supplements 223, 769, 1031
inside route 223
pilot rules for inland waters 232, 486
tide tables, 1932 959
see also Atlantic States.
Atlantic Coast Line R. R.:
abandonment 1051
bonds 169
construction 317
freight rates 114
rates on—
artificial stone 322, 715
bags 173
boxwood hedge 174
bricks 174, 424
canned food 901
cans 174
citrus fruit 175
clay 175
Atlantic Coast Line R. R.—Continued. Page
rates on—continued.
corn 1054
cotton-seed 1055
cotton-seed meal 113
cranes 176
dental-plate adhesive powder 544
dry-kiln trucks 1055
electric circuit-breakers 176
fruit-jars 903
ginger-ale 1056
grape-fruit 178, 711
gravel 904
lime 904
logs 115
lumber 116, 179, 320, 905
mahogany 546
marble 116
Mead's Dextri-Maltose 320
Mead's powdered milk products 713
mica 180, 980
oranges 713
oyster-shells 713
peanut-oil stock 425
peanuts 905
phosphates 181, 714, 981
potatoes 249, 817
pulp board 117
road-building machinery 548
sewer-pipe 715
shooks 118, 907
slag 548
steel 548
stoves 184
strawberries 425, 907
tobacco 818
reconsignment 321
refrigeration 182
refrigerator-cars 182
v. J. L. Powe, admr 1005
v. United States 185, 411
Atlantic Coastal Plain, *see* Atlantic States.
Atlantic Life Insurance Co 550
Atlantic Lumber Co.:
lumber 545
misrouting 49
Atlantic Marble & Tile Co., misrouting 546
Atlantic Mills of Rhode Island, coal 175
Atlantic Ocean:
charts of north Atlantic—
current charts 438, 833, 1068
great circle sailing 921
pilot chart 63, 126, 192, 345, 438, 566, 729, 833, 921, 995, 1068
pilot chart of upper air 63, 127, 192, 258, 345, 438, 566, 729, 833, 922, 995, 1068
sailing charts 62, 257
weather broadcasting stations 63, 192, 258, 729, 833
charts of south Atlantic—
great circle sailing 63, 921
pilot chart 63, 258, 566, 921
hurricane in north Atlantic, Oct. 1926 192
international ice observation, etc 73, 848
lane routes of north Atlantic 258, 345
oyster cultural problems 295
pilot supplement 830
Atlantic Paving Co., sand 321
Atlantic Refining Co. *v.* U. S 185, 234, 305
Atlantic Shell Co., Inc., oyster-shells 713
Atlantic States:
fig growing in South Atlantic States 376
fisheries of Middle Atlantic States 875
fisheries of South Atlantic States 876
livestock possibilities, study 282
surface water supply 419, 892
see also Atlantic Coast.
Atlantic Station, charts issued to vessels 257
Atlantic Transport Co 51
Atlas Line Steamship Co 804, 805
Atlas Plaster and Fuel Co 819
Atlas Tack Corporation:
iron and steel plates 981
tacks 818
Atmosphere, standard, approximate equations 726
Atomization of liquids 775, 964
Attorney General, *see* Justice Department.

Page

Attorneys, *see* Lawyers.
Atwater, Helen W., honey in the home 287
Atwood, George E., undulant fever 203
Atypical children, *see* Children.
Auchincloss, Hugh, Filaria bancrofti 436
Auckland Harbor, chart 565
Auditor, District of Columbia, report, 1930 413
Auer, Mary E., *v.* United States 984
Augur Barracks, part of res. restored to P. I. 443
Augusta, Ga., bridge 641, 672, 788
Augusta Northern Ry., rates on lumber 320
Aunt Sammy's radio recipes 1024
Auricle, *see* Heart.
Auricular fibrillation:
paroxysmal auricular fibrillation 203
quinidin in auricular fibrillation 1066
Aurora, Ill., bridge over Fox River 25
Ausable River, flood control, etc 78
Austin Clothing Co., overalls 980
Australia:
canned fruit industry 13
customs duty on advertising matter 731
lights, etc., on coasts 920
market for American goods in 1931 771
pilot 343, 564, 727
Australian lady beetle, feeding rate 147, 150
Austria:
extradition treaty with U. S 71, 199
leather production and trade 772
see also Tripartite Claims Commission, U. S., Austria, and Hungary.
Author notation in Library of Congress 341
Automatic pistols, *see* Pistols.
Automatic train-control, *see* Train-control devices.
Automobile-tire chains, *see* Tire chains.
Automobile tires, *see* Tires.
Automobiles:
accessories, specifications, etc 849
employment in auto mfg., Ohio (2 entries) 57
gain faster than roads in Far East 607
labor conditions in German industry 57
rates on 47, 112, 173, 352, 542, 900
selling in noncontiguous territories 607
world production and export, 1930 1034
see also Motor-trucks—Motor-vehicles—Vehicles.
Automotive Division 224, 296, 385, 386, 479, 607
Automotive products, *see* Motor-vehicles, and references.
Avenue Real Estate Trust 550
Aviation, *see* Aeronautics, and references.
Aviation charts, *see* Maps and charts.
Aviation fields, *see* Airports and aviation fields.
Aviation machinists, Navy training courses 343, 992
Aviators:
air mail flyer's medal of honor 410, 617
enlisted pilots in Navy, number 650
lunar ephemeris for aviators 64
notice to aviators 61, 126, 191, 257, 344, 436, 564, 727, 831, 920, 993, 1067
physical standards for pilots 221
psychological study, aviation candidates 829
training student aviators, syllabus 992
see also Aeronautics.
Avifauna, *see* Birds.
Avon, Mass., bronze cannon 23
Awards, *see* Medals.
Axline, M. H., chronic arthritis 852
Axton, Jessie, relief 662, 777
Ayer, Asa G., relief 491
Ayer & Lord Tie Co., Inc., relief 777
Azimuth:
of Polaris, 1931 418
Sumner line of position tables 565
Azov, Sea of, lights, etc., on coast 257
Aztec Land and Cattle Co., land, to purchase 633, 679, 784
Aztec Ruins National Monument, proclamation 570

B

B. and O. Manufacturing Co., relief 514, 623
B street nw., District of Columbia:
to change name—
hearing 629
law 790
reports 620, 630, 674

Page

Baba, John, relief 491, 662, 777
Babbitt, Ellwood G., relief 20
Babcock, C. J.:
effect of garlic on flavor, etc., of milk 150
production of clean milk 864
Babcock, Charles E., Biblioteca Conmemorativa de Colón 923
Babcock, F. Ray, grains for N. and S. Dak., etc 288
Babcock, L. W., toxic gases from explosives 387
Babcock test for cream, limits of error 3, 147
Babies, *see* Infants.
Babuyan Islands, harbors 875
Baby, *see* Infants.
Bach, Valentin, patent appeal 227
Bacharach, Isaac (Representative from N. J.):
report made by—
Ways and Means Com 657
Bacharach, Mrs. S., lamp-shades 308
Bacillary dysentery in U. S. Fleet 436
Bacilli, *see* Bacteria—*also* headings beginning Bacillus—Bacterium—*also* names of bacillary diseases.
Bacillus aerogenes:
coli-aerogenes group in water (2 entries) 1066
Bacillus coli:
coli-aerogenes group in water (2 entries) 1066
densities from samples of water 1084
Bacillus psittacosis Nocard:
failure to find it in 1929–30 epidemic 202, 583
Back, E. A.:
carpet beetles and their control 1022
clothes moths and their control 150, 1022
moths in upholstered furniture, control 598
silverfish as pest of household 1022
stored-grain pests 6, 762
weevils, conserving corn from 948
weevils in beans and peas 6
Back, Goldie, plate strength under edge compression 562, 1064
Backus, H.:
carbon black in 1929 226
natural gas in 1929 609
Bacon, C. W., George C. Hopkins *vs* 71, 323, 336
Bacon, Henry, catalogue of water colors 840
Bacon, Mary F., *v.* comnr. of internal revenue 821
Bacon, S. R.:
soil surveys—
Burke County, N. C 468
Davie County, N. C 761
Prince Georges County, Md 86
Bacteria:
bacteriophage adsorption 751
castor-oil soap effect on organisms 202
classification 829
plankton and organic matter oxidation 750, 936
see also headings beginning Bacillus—Bacterium.
Bacterial diseases, *see* names of diseases, or names of plants or animals affected.
Bacteriophage adsorption by vulnerable bacteria 751
Bacterium phaseoli, cause of blight of beans 88
Baden, Anne L., standardization bibliography 777
Badger, L. F.:
psittacosis in department store 364
Rocky Mt. spotted fever from dog tick 1085
Rocky Mt. spotted fever in the East 750, 1010
typhus fever virus from rat fleas 750, 936
typhus-Rocky Mt. spotted fever group 750, 1085
Wassermann, etc., reactions in leprosy 936, 1085
Badges, athletic, tests for boys and girls 891
see also Medals.
Badische Anilin & Soda-Fabrik 121
Baer, William S., testimony 34
Baffert & Leon, sugar 118
Bagdatopoulos, W. S., water color paintings 355
Bager, William M., patent appeal 158
Baggage:
Army shipment, settlement of accounts 506
customs information for passengers 933
Bagley, B. W., cement in 1929 1035
Bagley, James W., northern and northwestern lakes survey 591
Baglione, Frank, relief 623
Bags, rates on 173, 977
see also Hand-bags.
Bagué, Jaime, carrapato ou gado 923
Bahama Islands, money-order post offices 129

Page

Bahamas-Cuban Co., Ltd., *v.* United States 323
Bailey, E. H., soil survey of Sauk County, Wis. 150
Bailey, John R., relief 18
Bailey, L. H., baking powder, etc. 284, 597
Bailey, Walter A., court cases 720, 721, 896, 1005
Bailey, Green & Elger, buttons 102
Bain, Jarvis J., Pittsburgh, Pa., district, rp. 589
Bain Peanut Co. 1004
Baird, W. P., home fruit garden 288
Bake-shop apparatus, stock catalogue 1081
Baker, E. S., arterial hypertension 585
Baker, H. J., costs of extension methods 948
Baker, Jack, *vs.* United States 200
Baker, Lilian, protective value of fabrics 3, 148
Baker, O. E., land utilization and farm problem 282
Baker, R. E.:
  abscess of spleen 751
  phlebitis of femoral vein 140
Baker, Thaddeus R., receiver, *v.* U. S. 412
Baker & Holmes Co., reconsignment 817
Baker Food Products Co. 185, 323, 694
Baker-Nagle Co., stoves 548
Bakery goods, rates on 706
Baking, home 376
Baking powder:
  development and use 284, 597
  standard stock catalogue 746
Baking soda, *see* Soda (baking).
Balansia, conidial fructifications 465, 471
Balboa, C. Z.:
  chart of harbor 345
  tide, moon, and sunrise tables 440
Baldwin, C. F.:
  motor-vehicle world census 96
  world production, etc., of automobiles 1034
Baldwin, C. J., Produce Co., Inc. 542
Baldwin, Floy P., *vs.* Iowa State Traveling Men's Association 1005
Baldwin, G. C., water supply, Snake R. basin 537
Baldwin, Mark, Wadena County soil survey 761
Baldwin, William H., relief 777, 798
Baldwin Harbor, to legalize quay 636, 669, 785
Baldwin Universal Co., Inc., perfumery 163
Bale covering, *see* Cotton-bale covering.
Balearic Islands, pilot 343
Ball, Edward M., Alaska salmon fisheries 771
Ball, Sterling S., relief 614, 662
Ball and socket joint, false 366
Ball-clay, rates on 112
Ballard, Daisy, relief 777, 801
Ballard, Grover C., relief 657, 662
Ballegoin, A. L., bridge 24
Ballif, P. S., propeller fan characteristics 17, 99, 775, 965
Balloons:
  aerological observations 290, 766
  pilot, aerological code 218
  sounding, winter observations, 1927–28 153
  see also Aircraft—Airships.
Ballou, De Forrest, jr., retinal arteriosclerosis 585
Ballou Brick Co. 978
Balls Ferry bridge 27
Baltic Sea:
  chart 437
  pilot 830
Baltimore, Md.:
  charts of harbor 477, 1031
  encampment of Veterans of Foreign Wars 489
  Pan American Exhibition of Contemporary Paintings 834
  reimburse for Civil War expenses 681
  rivers and harbors in district, rp. 587
  tide calendar 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
  wholesale trade, census, 1930 873
Baltimore & Ohio Chicago Terminal R. R. 545
Baltimore & Ohio Railroad:
  abandonment 540, 812
  bonds 896
  freight rates 1055
  rates on—
    acid phosphate 173, 706
    aluminum flake 900
    barrels 706
    bauxite 814
    cast-iron hollow ware 319
    clay 708
    coal 48, 175, 248, 319, 814, 901, 978
    cotton 709, 814

Page

Baltimore & Ohio Railroad—Continued.
  rates on—continued.
    cotton goods 113
    cotton-seed 319
    doors 319
    evaporated milk 177
    felt 903
    fruit 903
    furniture 711, 979
    graphite 115
    hair 320
    hoops 249
    iron 815, 1056 (2 entries)
    iron castings 179
    lime 179, 980
    logs 816
    lumber (2 entries) 546
    marble 546, 712
    mattresses 713
    meat 180, 320
    molasses 249, 1057
    naphtha 116
    paper 116, 181
    petroleum 714, 1057
    poultry 981
    quebracho 817, 981
    rails 906
    sawmill machinery 183
    silica 907
    stone 548
    sugar 118
    tanning extract 716
    zinc 185
  switching charges 818
  tracks across Bolling Field 785
Baltimore & Ohio Railroad in Pennsylvania, stock 540
Baltimore & Ohio Southwestern R. R. 358
Baltimore, Chesapeake & Atlantic Ry., valuation 119
Baltimore County, Md.:
  bridge 635, 667
  relief of certain persons 510, 796
Baltimore Paint & Color Works, Inc. 807
Baltimore Pan American Exhibition of Contemporary Paintings 834
Baly, E. C. C., photosynthesis 354
Bamberger Electric R. R.:
  rates on—
    automobiles 542
    paper 181
Bananas, rates on 112, 542, 706, 900
Banda Sea, charts 565, 728
Bandmaster (Army):
  to create rank (H. R. 2756, etc.)—
    hearings 403
    reports 504, 645
Bands (music) *see* Army Band—Marine Band—Naval Academy Band.
Bane, Moses M., relief of estate 778
Banfield, W. M., hairy-root of apple trees 209, 377
Banga, Port, chart 12
Bangor & Aroostook R. R., cotton-seed meal 815
Bank, H. E.:
  syphilis of aorta, etc., with atelectasis 1011
    correction of entry 1018
Bank-notes, *see* Federal reserve notes—National bank notes.
Bank of Italy, comnr. of internal revenue *v.* 323
Bank of Mount Hope, United States *v.* 323
Banka Strait, charts 565, 920
Bankers' acceptances, open market purchases 41
Bankers Association, *see* American Bankers Association.
Bankers Reserve Life Co. *v.* United States 234, 250, 411, 909
Bankhead, John H. (Senator elect from Alabama):
  contested election case—
    petition of J. Thomas Heflin 659
Banking, *see* Banks and banking.
Banking and Currency Committee, House:
  hearings 31, 623, 792
  report 792
Banking and Currency Committee, Senate:
  calendar 514
  hearings 514, 661, 797, 884
  reports 514, 661

Page

Bankruptcy:
involuntary, building and loan assoc. 642
rules, Virginia 250
Banks and banking:
branch, etc., banking investigation 792
foreign banking corporations, regulations 104
in France, banking system and practices 479
in Japan 876
postal savings deposited, regulations 443
publications for sale by supt. of docs. 311, 972
see also Agricultural credit—Federal intermediate credit banks—Federal land banks—Foreign exchange—Joint stock land banks—National banks—State banks—Trust companies—*also* certain headings beginning Federal reserve—*also* names of banks and places where located.
Banner Berkeley wheat, *see* Wheat.
Banoa Anchorage, chart 875
Baranasies, Vincent, relief 662, 778
Barbados:
chart 437
money-order post offices 129
Barber, Charles L., relief 623
Barber, Edith, relief 778
Barber, Ethel M., library in hospital 585
Barber, George W., corn earworm 598
Barber shops:
Sunday closing in District of Columbia—
hearings 519, 792
reports 628, 673
Barberry:
and black stem rust 287, 764
black stem rust spreads to wheat, etc. 376
destroy common barberry, poster 210
Barbour, Henry E. (Representative from Calif.):
reports made by—
Appropriations Com. 491
Conference Com. 621
Barbrow, L. E., Waidner-Burgess light standard (2 entries) 1038
Barbuda, W. I., aviation chart 437
Barde Steel Products Corporation 120
Bardes, Christian J., trustees *v* United States 305
Barger, W. R., processing of Deglet Noor dates 376
Barghausen, John F., Harry H. McKee *v* 1020
Barichio, Dewey, *v.* U. S. (cases 141-154) 53, 821
Barite:
production of barite in 1929 481
rates on barytes 706
Bark-beetles of genus Gnathotrichus 573
Barker, Prince P.:
hysterical paralysis 76
neuropsychiatry in medicine and surgery 1011
Barker Painting Co. 359
Barkley, Alben W. (Senator from Ky.):
foreign and domestic wages, prices, etc. 883
reports made by—
Finance Com. 675, 676
Library Com. 38
Barkley, J. F., questions for coal fireman 226
Barkley, James T., relief 645
Barkley Sound, chart 728
Barkly, Earl D., relief 18
Barksdale, Leslie A., *v.* United States 323
Barley:
black stem rust spreads from barberries 376
controlling covered smut 216
Barley scab controlled by rotations 216
Barlow, Nathan, getting well from tuberculosis 750
Barnett, Ed., Mule Co., horses 178
Barnett, Thomas M., malarial hemoglobinuria 76
Barnhart, G. S., effect of temperature on ice-cream mixes 1019
Barns:
sweet potato storage in tobacco barns 152
ventilation 9
Barographs, aircraft, thermometric lag 160, 303
Barometric depressions and typhoons 90
Baronof Island, chart 384
Baroody, N. B., refrigerator-cars 182
Barr, J. E., marketing cowpea seed crop 946
Barrels, rates on 706
Barrett, Thomas, relief 683, 778
Barrett Company:
coal-tar 176
tar 908
Barros Barreto, João de, exámenes médicos periódicos 834

Page

Barrows, Alice:
conceptions of school-building problem 241
National Advisory Council on School Building Problems 106
school building survey for Warwick, R. I. 700
Barrows, William B., measuring farm timber 866
Barry Docks, chart 344
Barry Road, chart 344
Bars:
aluminum, standard stock catalogue 1082
iron, rates on 711, 712
steel, case of Concrete Engineering Co. 715
tin, standard stock catalogue 1082
vibration of U bars 880, 1039
Barteldes Seed Co., millet seed 713
Bartels, William, *v.* United States 329, 576
Bartlett, R. A., sea surface temperatures 995
Bartlett-East Greenland Expedition, 1930 995
Barton, Roy G., court case 40, 311, 720, 913, 1005
Bartsch, Paul:
land shells from island of Luzon 356
mollusks in West Indies 840
new pearl oyster from Hawaiian Is. 1077
new shipworm from Venezuela 928
Barugan Cove, chart 875
Barytes, *see* Barite.
Bases for plaster and stucco 452
Bases for subway columns, tests 160, 301
Bash, J. S., & Sons, Inc., coal 543
Basket-makers, Utah, crania in National Museum 929
Baskets, rates on 173, 706, 900
Baskowitz, S., & Sons, bottles 47
Bass:
culture of black bass and pondfish 156
transportation of black bass 23
Bassein River, chart 565
Bassett, George O.:
hemorrhage from intestinal varix 203
X-ray and physical examination of lungs 585
Bassett, Guy F., cooperage 424
Bassett quadrangle, Tex. 168
Bassick Manufacturing Co. 305, 411
Bassler, R. S.:
Cambrian bivalved Crustacea 928
pursuing microfossils 839
Bates, C. G., lodgepole pine seed 87
Bates, Clarence E., bilateral spontaneous pneumothorax 1011
Bates, E. N., handling grain 862
Bates, Edwin, San Francisco restaurant industry 157
Bates, John W., relief 18
Bates Valve Bag Corporation 717
Batesville Southwestern R. R. 896
Bath, Thomas W., relief 683, 778
Bath-tubs, rates on 707
Bathing pools, in D. C. 25
Bathroom fixtures, standard stock catalogue 135
Baths, hammock for 585
Baton Coal Co. 909
Baton Rouge, La., bridge 637
Baton Rouge-Mississippi River Bridge Co. 637
Bats:
key catalogue of parasites 584
of genus Tadarida 1002
Batson, Lawrence D., radio markets 480
Battalion aid station equipment 256
correction of entry 464
Batten Kill, navigation, etc. rp. 587
Batteries (electric), *see* Electric batteries—Storage batteries.
Battery Cove, *see* Alexandria, Va.
Battle, *see* name of battle, or name of place where battle was fought.
Battle Creek Food Co., peanuts 547
Battle fields, study for commemorative purposes 457
see also names of battles, or names of places where battles were fought—*also* names of certain national parks.
Battle Monuments Commission, *see* American Battle Monuments Commission.
Battle-ships, *see* War-ships.
Battlefields, *see* Battle fields.
Battles, *see* names of battles, or names of places where battles were fought.
Battleships, *see* War-ships.
Batu Batu Bay, chart 770

Page

Baucum, Bamma, comnr. of internal revenue *v*. 323, 819
Baudette, Minn., bridge 28
Bauer Brothers Co 982
Baum, F. G., relief 18
Bauman, James E., public health law 851, 1084
Bauman, Michael J., relief 18
Baumann-Kienast, Gottfried R., case 10
Baumer, Peter, attorney, fee 1003
Baumgartner, Lulu V., court case 1059
Baur, Franz, correlation investigation in meteorology 219
Bausch & Lomb Optical Co 411, 819
Bauxite:
  Federal standard stock catalogue 1008
  production in 1929 1035
  rates on 814
Bay, *see* Bays—*also* name of bay.
Bay Cities Transportation Co 903, 979
Bay City, Mich., chart 591
Bay City Fuel Co., coal 48
Bay Company, cotton goods 709
Bay Side quadrangle, N. J.-Del 1049
Bay State Milling Co., grain 115
Bayles, B. B.:
  covered-smut infection in oats 210, 288
  growth and yield in wheat 861, 950
Bayles, Edward P., pier and wharf 28
Bayles, Mary L., pier and wharf 28
Baylor, Adelaide S., home economics education 308
Bays, steamboat inspection rules 1039
  see also names of bays.
Bayuk Cigars, Inc., Federal Trade Comn. *v*. 697
Beach, C. F., relief 18
Beach and Tennis Club, pier 392
Beacons, *see* Radiobeacons—*also* names of places where located.
Beadle, Elias R., *v*. United States 51, 550, 1041
Beal, F. E. L., birds useful to farmer 211
Beales, LeVerne:
  census of electrical industries, 1927 221, 603
  census of manufactures, 1927 92
Beams:
  design of plywood webs 1064
  strength, method of calculating 1064
Bean, L. H., agricultural statistics 84
Bean, Victor H., pulmonary tuberculosis 853
Beans:
  bacterial blight caused by B. phaseoli 88
  Federal standard stock catalogue 269
  rates on 173, 248, 319, 978
  weevils in beans and peas 6
  see also names of beans.
Bear, U. S. Coast Guard cutter:
  guns, etc., for Oakland, Calif 507, 618, 688
Bear Lake Valley area, Idaho, soil survey 212
Beard, Albert P., tests on airwheels 1064
Beard, J. M., *v*. United States 324
Beardslee Launch & Barge Service, Inc 118
Beardsley-Buckeye area, Ariz., soil survey 212
Bearings (machinery):
  bronzes with additions of zinc, etc 99, 230
  operation, care, and repair (2 entries) 563
Beasley, Charles H., *v*. United States 324, 531
Beatrice Creamery Co., buttermilk 112
Beattie, J. A., gourds for bird houses 85
Beattie, James H.:
  greenhouse tomatoes 152
  growing sweet corn for cannery 376
  home storage of vegetables 217
  peanut growing 764
  tomatoes for canning and manufacturing 289
Beattie, W. R.:
  city home garden 8
  lettuce growing 8
  peanut growing 764
  permanent fruit and vegetable gardens 377
  watermelons 289
Beaudet, E. A.:
  healing of pulmonary tuberculosis 1086
  healing of tuberculous cavities 750
Beaufort, N. C.:
  chart of harbor 294
  teleostean fishes 385
  see also Biological Laboratory, Beaufort.
Beaufort County Lumber Co., bridge 26
Beaumont, Sour Lake & Western Ry.:
  freight rates 245

Page

Beaumont, Sour Lake & Western Ry.—Con.
  rates on—
    cabbage 319
    cotton-gin saws 1055
    cotton-waste 544
    fruit-jars 177
Beaver Country Day School:
  o Externato Rural Beaver 261
    same (in Spanish) 730
Beaver, Meade & Englewood R. R 976
Beaver Valley Milling Co., relief 18
Beck, James M. (Representative from Pa.):
  minority views—
    Interstate and Foreign Commerce Com 636
  reports made by—
    Interstate and Foreign Commerce Com 401, 635, 641
  Washington and the Union, address 791
Beck, M. W.:
  soil surveys—
    Menominee County, Mich 212
    Milan County, Tex 5
    Navarro County, Tex 373
    Polk County, Mo 213
Beck, Robert E., relief 614, 683
Beck, Rudolph E., alias, *see* Beck, Robert E.
Beckers, William G., *v*. United States 234, 324
Beckett, Clinton G., ringworm or tinea infection of toes 140
Beckman, H. C.:
  surface water supply—
    Hudson Bay basin 810
    Mississippi River basins 243, 810
    Missouri River basin 243
Beckman, Theodore N.:
  census of wholesale distribution—
    Baltimore 873
    Chicago 954
    Cincinnati 768
    Los Angeles 768
    Milwaukee 874
    San Francisco 769
  talks on distribution structure 382
Beckstrom, Ross P., Co., relief 34
Bedbugs 865
Bedell, G. H., judging sheep 283
Bedford-Carthage Stone Corporation 907
Bedford Mills, Inc., *v*. United States 982, 1041, 1059
Bedford Pulp & Paper Co., coal 48
Bedsteads, elimination of waste 775
Bee, *see* Bees.
Beecher, F. Sidney, control of tomato yellows 89
Beechwood Band Mill Co., misrouting 321
Beedy, Carroll L. (Representative from Me.):
  report made by—
    Elections Com. No. 1 398
Beef:
  food poisoning outbreak attributed to 256
  grading and stamping service 210
  on farm, slaughtering, etc 759
  production and quality 596
Beef cattle, *see* Calves—Cattle.
Beef extract, source of vitamin G 4
Beek, John, jr., sulphuric acid adsorption by leather 302, 485
Beeman, Martha H., case of executor 1059
Beene, Shelby J., *v*. comnr. of internal revenue 431
Beers, Edward M. (Representative from Pa.):
  report made by—
    Printing Com 508
Bees:
  article on 865
  beekeeping in buckwheat region 213
  publications—
    for sale by supt. of docs 417
    of Agriculture Department 213
  reactions of honeybee to light 861, 948
Beet leaf hopper, ecological studies 468
Beetles:
  nemic parasites, coleopterous larvae 861, 950
  tropisms and sense organs, Coleoptera 928
  see also names of beetles.
Beets, nitrogen negative correlation 595, 758
  see also Sugar-beets.
Befuhs, William, relief 614, 683
Beggs Brothers Fruit Co., apples 47

Page

Behenna, Vivian M.:
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
foreign trade in agricultural products 84
fruit and vegetable statistics 4
grain statistics 4
miscellaneous agricultural statistics 84
statistics of cattle, hogs, sheep, etc 84
statistics of miscellaneous crops 84
Beidler, Francis, case of executors 448
Beij, K. Hilding, seams for copper roofing 160, 302
Bekkedahl, N., dimensions of electrotypes 964
Belgium:
arbitration treaty with U. S 198
conciliation treaty with U. S 198
iron, etc., industry, Belgian-Luxemburg 386
memorials, agreement with U. S 266
Belize, British Honduras, chart 920
Bell, A. J., relief 778, 798
Bell, Cardoza, *v.* United States 426
Bell, Elizabeth, hearing of school children 75
Bell, F. G., bridge 400, 487
Bell, G. A.:
breeds of draft horses 372
feeding horses 759
Bell, John, alias, *see* Marks, John.
Bell, W. H.:
bacillary dysentery in U. S. Fleet 436
effects of radio current on health 1066
postvaccinal encephalitis 1066
Bell & Howell Co., lens mountings 806
Bell Paint Co 971
Bell Telephone Company of Pennsylvania 170
Belle Fourche irrigation project 894
Bellows Falls quadrangle, Vt.-N. H 168
Bells, duty, proclamation increasing rate 1074
Belt Line Brick Co., cement-floor compound 543
Belt Railway of Chicago 711, 712
Belted kingfisher, nematode worm from 1077
Belting:
Brazilian market 224
Federal standard stock catalogue 360
Belton quadrangle, Tex 701
Bemidji, Minn., bridge 502, 617, 669
Bemis Brothers Bag Co., Inc., machinery 905
Bender, S., Iron & Supply Co., pipe 906
Benedict, Helen A., court case 250
Beneficial Loan Society of Bethlehem 51, 426, 886
Bengal, Bay of, pilot supplement 830
Benguela Bay, chart 191
Benicia, Calif., bronze cannon 504
Benicia Arsenal, land for addition 263
Benin River, chart 344
Benjamin Harrison, Fort, *see* Harrison, Benjamin, Fort.
Benner, Raymond C., patent appeals 388
Bennett, Charles C., relief 623, 798
Bennett, Henry W., indemnity payment 520, 742, 782
Bennett, Mrs. James R., appointment 196
Benning, Fort:
bridge across Upatoi Creek 650
construction 33, 621, 785
Bennit, H. L.:
coke and by-products in 1928 14
Pennsylvania anthracite in 1929 772
Benson, A. O., dimension stock from northern hardwoods 949
Benson, Nathan, relief 20
Benson Manufacturing Corporation, fezzes 162
Benson Sheet Iron & Metal Works 930
Bent-wood furniture, *see* Furniture.
Benton, T. H., soil survey of Buchanan Co., Iowa 947
Benton Harbor quadrangle, Mich 420
Benz, Edward, United States *v.* 324, 576
Benzene:
determination in petroleum 965
rates on benzol 707, 1053
thermal properties, determination 965
Benzol, *see* Benzene.
Berg, Meta, fee for attorneys 1003
Bergen, Roy C., patent appeal 611
Bergen area, N. J., soil survey 597
Berglund, Clyde V., court case 40, 550
Bering Sea, halibut fishery, convention 842, 1078
Berkeley, Calif., meeting of Pacific Coast Branch, American Historical Assoc. 132
Berkey & Gay Furniture Co 807
Berliner, J. F. T., potash bibliography to 1928 387

Page

Bermuda:
money-order post offices 129
Bermuda grass, eradication 867
Bernard Bernard, complaint, rp., etc., of Fed. Trade Comn 698
Bernard, L. J., esophageal stricture 937
Bernau, Carl L., relief 645
Berne convention, *see* International Copyright Union.
Bernewitz, M. W. von, Mines Bur. coal, etc., investigations, bibliography 609
Berney, Charles R., *v.* United States 551
Berney-Bond Glass Co., crates 114
Bernier, E., & Son 181
Bernstein, M., & Sons, fur 696
Berries, refrigeration charges 817
see also names of berries.
Berry, Edward W., flora of Denver formation 106
Berrymont Land Co 551
Bertholf, Lloyd M., reactions of honeybee to light 861, 948
Berths, metal frame, for ships 301
Bertram, Clarence C., patent appeal 610
Berwald, W. B., effect of vacuum on oil wells 97
Berwick, Margaret, reports of follow-up nursing visits 585
Besosa, J. C., relief 500
Bess, Henry, relief 645
Bessemer & Lake Erie R. R.:
rates on coal 175
valuation 982
Besson, Frank S., Nashville, Tenn., district, rp 588
Best, Alfred S.:
air permeability of fabrics 485, 611
carpet wear testing machine 1038
Best, Ethel L.:
laundries and their women workers 190
women in Florida industries 254
Betatakin, excavation and repair 132
Bethauser, Charles W., relief 623
Bethel Cemetery Co., relief 20
Bettendorf, Joseph W., court case 551
Bettman, Alfred, criminal justice surveys 1065
Betts, M. C.:
concrete construction on farm 153
fire safeguards for farm 282
rammed earth walls for buildings 8, 1026
rat proofing buildings and premises 373
Beverage containers, rates on 173
Beverages, rates on 174, 900
see also names of special beverages.
Bevis, W. M., general paralysis, malarial inoculation 585
Beyer, Clara M., working mothers in Phila 723
Bible reading in schools, legal status 106
Bibliography:
NOTE.—Beginning with the 1930–1931 Index to the Monthly catalogue, only bibliographies which are complete publications in themselves are listed here.
aeronautics 91, 562, 767
agriculture, cooperation 806
agriculture, history of in U. S 282
coal, etc., Mines Bur. investigations 609
cooperative movement 189
employment regularization, plans 603
five-day week, etc. (2 entries) 724
geology, North American, 1919–28 700, 810
Government document, U. S. and elsewhere 434
greensand and zeolite water softeners 481
honor system and academic honesty 700
Indian and pioneer stories 973
junior colleges 43
of liberator Simón Bolívar 659
potash, to 1928 387
research studies, 1928–29 312
serie sobre bibliotecas y bibliografía 567, 923
see also Catalogues—Price lists—*also* names of Departments, bureaus, etc., issuing lists of publications.
Bibliography Division, Library of Congress 58
Biblioteca Conmemorativa de Colón 923
Bicking, George W.:
paper-coating minerals and adhesives 391, 485
paper-making properties of Phormium 775, 964
preparation of fiber test sheets 17, 99
Bickley, A. E., relief 18
Bicycles, Government supplies 849, 1084
Biddle, Reason P., relief 662, 778

Page

Biello, J. A., case of anhematopoiesis 436
Bierd, William G., receiver, grain 711
Biermann, Arthur E., effect of cowling on Wright J-5 engine 59
Big Bay, chart 1067
Big Chazy River, flood control, etc 141
Big Diamond Mills Co. *v.* United States 982
Big Horn County, Mont., geology, etc 166, 810
Big Sandy & Cumberland R. R 1052
Big Sandy & Kentucky River Ry 170
Big Sandy River, bridge 635, 666
Big Snowy Mountains, geology 810
Big Stone Canning Co., cans 707
Biggam Trailer Corporation *v.* United States 51
Biggs Boiler Works, pipe 817
Biliary ducts, symptomatology of diseases 76
Billboards, *see* Signs.
Billbugs destructive to crops, control 6
Bills:
history—
71st Cong. 2d sess 18, 232
71st Cong. 3d sess 392, 487, 613, 777, 1040
Bills of exchange:
acceptance by member banks 41
open market purchases 41
Bills of lading and livestock contract 174, 900
Biloxi, Miss.:
land for National Guard camp, etc 505
site for home for soldiers 675
Binders, harvesting small grain 1020
Bingham, Hiram (Senator from Conn.):
papers presented by—
Philippine independence 797
Simón Bolívar 659
reports made by—
Appropriations Com 661
Territories and Insular Affairs Com 529–530, 694
Bingham Canyon, Utah, public buildings 743
Binghamton, N. Y., scheme of city distribution 997
Bins, rates on 174
Binswanger & Co., plate-glass 714
Biochemistry:
plankton and biochemical oxidation 750, 936
sulphur 139, 750 (2 entries), 936, 1010, 1011
Biography, American, publications for sale 105, 971
see also subject of biographical sketch.
Biological assays, optimum use of material 485, 612
Biological inquiries, *see* Biology.
Biological Laboratory, Beaufort 94
Biological products:
establishments licensed for sale, etc 202, 455
streptococcus biologic products in scarlet fever prevention 139, 365
see also names of special products, e. g. Serums.
Biological stations, *see* names of stations.
Biological Survey Bureau 5, 85, 149, 211, 284, 373, 467, 597, 760, 863, 947, 1021
growth, structure, and functions 212
poster 85
report, 1930 284
service and regulatory announcements 149, 212, 760, 863
Biology:
electron equilibria, biological systems 203, 456
of Philippines, contributions to 1002
on Tin-Can Island, biological collecting 840
progress in biological inquiries, 1929 606
see also names of certain plants, animals, etc.
Biometrical studies in psychiatry 108, 974
Biplanes, *see* Airplanes.
Bird, B. M., agglutinating, etc., tests of coals 1035
Bird, Thomas, relief of estate 510, 514
Bird Conservation Commission, *see* Migratory Bird Conservation Commission.
Bird houses:
gourds for bird houses 85
homes for birds 467
Bird Island Wild Life Refuge, revocation 443
Bird-lice, *see* Biting lice.
Bird refuges and reservations:
local bird refuges 760
map of bird reservations 536
see also names of refuges and reservations.
Birds:
afield with birds of northern Spain 840
amidostomine worm from anserine birds 840

Page

Birds—Continued.
avifauna of Pleistocene in Florida 928
collected by Central-China Expedition 265
common birds useful to farmer 211
from islands off coast of Dutch Borneo 265
in Alaska, amendment to regulations 149
in Alaska, laws and regulations, 1931–32 863
laws relating to birds 149, 863
migratory birds—
treaty-act regulations 149, 863
treaty-act regulations, amendments 196, 837
nematodes found in some birds 283
of Haiti and Dominican Republic 928
propagation of game birds 211
protection, directory of officials, etc 211
protection, in Canal Zone 640
publications for sale by supt. of docs 534
social parasitism in birds 353
Spiruroidea parasitic in birds 863
see also Game—*also* certain headings beginning Bird—*also* names of birds.
Birdseye, Miriam:
diets for families with limited incomes 867
emergency low-cost food supply 763
family's food at low cost 470, 867
Birge, Paul R., census of manufactures, 1927 92
Birgfeld, Clarence E., canned grapefruit 96
Birkel Music Co. *v.* United States 120, 982
Birmingham Commission Co. *v.* U. S 305, 324
Birmingham Southern R. R 176
Birth control, hearings 884
Births:
is your child's birth recorded? 723
rates, 1929 364
statistics for registration area 154, 221
Biscay, Bay of, pilot supplement 830
Biscuit, standard stock catalogue 1082
Bishop, L. L., Allegheny National Forest 470
Bishop, Ned, relief 510
Bishopp, F. C.:
fleas and their control 1022
fowl tick 150
horse bots and their control 865
house fly and how to suppress it 865
mosquito remedies and preventives 285
screw worms, etc., affecting animals 374
stable fly 1023
Bishopric, Karl, exr., court case 56
Bishops Point military reservation 1000
Bismuth:
treatment of syphilis 937, 1086
use in fusible alloys 484
Bissell, T. L.:
insects of pecan, how to combat 468
parasitism of Mediterranean fruit fly 214
Bite-wing films 436
Biting lice, genera Dennyus and Eureum 265
Bitner, F. G.:
new consistometer 17, 98
surface tension of soap solutions 230, 391
Bitter Root irrigation project:
rehabilitation—
hearings 38
law 23
report of Interior Dept 417
Bitter Root National Forest, *see* Bitterroot National Forest.
Bitter-rot of apple and its control 471
Bitterroot irrigation project, *see* Bitter Root irrigation project.
Bitterroot National Forest:
proclamation 926
transfer of lands 1075
Bitting, C. D., toxic gases from explosives 387
Bituminous coal, *see* Coal.
Bituminous sandstone near Vernal, Utah 314, 810
Bjelland, Chr., & Co., Inc 51
Black, Frank W., & Co 1045
Black, Hugo L. (Senator from Ala.):
minority report made by—
Claims Com 36
reports made by—
Claims Com 36, 514–516, 664–665, 798
Military Affairs Com 38, 409, 524–525, 684–686, 801
Black, J. D., land settlement in Great Lakes States 862
Black, James, Dry Goods Co., furniture 545
Black, O. F., linum neomexicanum 371, 471

Page

Black, R. H.:
cleaning grain on farms and in elevators 372
grain drying at country elevator 153
Black, W. H.:
beef from calves fed grain 283
beef on farm, slaughtering, etc 759
beef production and quality 596
beef production on farm 946
breeds of beef cattle 84
wintering steers in Great Plains 85
Black bass, *see* Bass.
Black Hardware Co 51
Black Hills National Forest resources, etc 7
Black locust, utilization 215
Black River:
bridges in—
Arkansas 635
Louisiana 400, 406, 487
Black Sea:
lights, etc., on coast 257
pilot, supplement 830
Black stem rust:
and common barberry 287, 764
more than 60 physiologic forms 88
spreads from barberries to wheat, etc 210, 376
Black tongue, *see* Blacktongue.
Blackberry:
culture of Logan blackberry, etc 288, 1025
diseases 289
Blackboards, rates on 112
Blackburne, John S., case of executrices 120
Blackfeet Indians:
enrollment of children 634, 680, 788
v. United States 324
Blackfeet irrigation project, charges due, to adjust payment 499, 615, 632
Blackleg, nature, cause, and prevention 283
Blackmer & Post Pipe Co., sewer-pipe 183
Blacksmith Fork, power site restoration 264
Blacktongue:
preventive value of lard, etc 138
preventive value of liver extract 456, 850
Blackwell, Marion F., relief 653
Bladder diverticula, surgical removal 852
Blaine, Anita M., exrx., court case 332, 558, 720
Blaine, John J. (Senator from Wis.):
report made by—
District of Columbia Com 674
Blair, Flossie R., relief 18
Blair, Thomas A., winter temperature, etc 871
Blanchard, A. N., relief 492, 514
Blanchard, Arthur E., relief 526, 614
Blanchard, Edward, *v.* United States 185
Blanchard, P. B., relief 492, 514
Blanchard, Scott, relief 492, 514
Blanchard, W. A., relief 492, 514
Blanchard Lumber Co., switching 184, 907
Blanchfield, Mrs. James, relief 20
Blanco, Cape, chart 155
Blanco Reef, chart 155
Bland, Marie A., United States *v.* 324, 576, 909, 1079
Blaney, Ralph E.:
soil survey—
Muskingum County, Ohio 86
Washington County, Ohio 284
Blank books, immigration service 560
Blankets, rates on 319
Blast furnaces, stock distribution, etc 14
Blatt, Maurice L., gonococcus vulvovaginitis 274, 456
Blatz, Val, Brewing Co.:
Blatz Malt Vivine 978
complaint, rp. etc., of Fed. Trade Comn 697
Blatz Malt Vivine, rates on 978
Blease, Coleman L. (Senator from S. C.):
report made by—
Military Affairs Com 802
Bledsoe, Alfred, *v.* United States 411, 717, 886
Bligh, N. M., newly discovered chemical elements 353
Blight, *see* name of plant affected.
Blind:
books for adult blind, to provide—
estimate 827
laws 783, 789
report 655
schools and classes for, 1926–27 241
see also Service for the Blind, Library of Congress.

Page

Blind landing of aircraft 230, 486
Blinds, rates on 174
Bliss, Don C.:
industrial machinery market in Siam 480
machinery market in British Malaya 480
Bliss, E. W., Co. *v.* United States 51, 234, 324
Bliss, Eleanora E., pension 527
Bliss, Fort, land adjoining, purchase 33
Blister rust:
quarantine regulations 4
relation of currants and gooseberries 287
Blistering in enameling of cast iron 16
Bloch, Samuel S., *v.* comnr. of internal revenue 51
Block, H. W., fat samples from live hogs 595, 758
Block Island, chart of harbor of refuge 1032
Block Island Sound, chart 12
Block-signals, tabulation of statistics 108
Blocks, rigging, etc., stock catalogue 1081
Blodgett, Jones, Burnham & Bingham 40
Blom, Frans, archaeological work in Mexico, etc 1070
Blood:
glass electrode measuring pH of blood 203, 456
grouping, etc., for transfusion 274, 365
transfusion in malarial hemoglobinuria 76
Blood pressure:
arterial hypertension 76, 585
clinical aspects 585
essential hypertension 76
potassium sulphocyanate in hypertension 274
Bloom, Maurice, *v.* United States 551
Bloomfield, J. J., radiant energy and skin temperatures 76
Bloomington, Ind., unemployment, Feb. 1930 57
Blose, David T.:
age-grade study of elementary pupils 106
statistics of Negro race, 1927–28 700
Blount, Camp, tablets or markers 23
Blouses, *see* Clothing.
Blowfly larvæ for surgical use 1066
Blowpipe, rates on 900
Blue:
oxidation-reduction studies 851
Blue book, *see* Official register of United States.
Blue Diamond Co. of Nevada, gypsum 711
Blue Ribbon Products, Inc., *v.* U. S 51, 120, 531
Blue Ridge Ry 712
Blue River, survey in regard to fish life 770
Blue sky legislation, *see* Securities.
Blue stain in loblolly pine 209, 217
Blueberry maggot, control by dusting 86
Blueblaze Motor Specialties Corporation 234
Bluefield Produce & Provision Co 180
Bluefields Lagoon, chart 993
Bluegrass, *see* Kentucky bluegrass.
Blum, W.:
addition agents, copper electrotyping 160, 301
chromic acid solutions 99, 230
dimensions of electrotypes 964
Blumberg, Alfred:
mixed tumors of hard and soft palate 937
tuberculous cavitation 140
Blumberg, Sol, freight rates 710
Boadle, A. E., American pitch pine 960
Boal's Rolls Corporation 697
Board, *see* Boards—*also* name of board.
Board of Underwriters of New York, relief 778, 798
Boardman Co., road-building machinery 817
Boards:
Federal, created from Sept. 1901–Mar. 1929 58
see also names of boards.
Boards of trade, *see* Chambers of commerce, etc.
Boas, Franz:
Salishan tribes of western plateaus 197, 355
tattooing, etc., of Thompson Indians 197, 355
Boats:
boat-and-ship-utensils, stock catalogue 932
Federal standard stock catalogue 932
patrol boat for Coast Guard 453
see also Motor-boats—Ships—Steamboats—Submarine boats—*also* names of boats.
Bobart, Charles C., fee for attorney 134
Bobbins, rates on 900
Bobbs-Merrill Co., books 805
Boca de las Piedras, Bahia, chart 921
Bockoven, Sterling, tuberculous spondylitis 1086
Bodden, Whitney, Shipping Co 909
Bodeck, Edward, relief 491

Page

Bodiford, William J., relief ... 778, 801
Bodine & Clark Livestock Commission Co 174, 1054
Bodle, R. R.:
United States earthquakes, 1928 ... 294
United States earthquakes, 1929 ... 959
Bodnar, G. P., handling grain ... 862
Boeckner, C.:
caesium recombination into PS state ... 612, 775
metals bombarded by electrons ... 880, 1039
photo-ionization of caesium ... 17, 98, 99, 230 (2 entries), 390
resonance and quenching in caesium ... 17, 98
Boerner, E. G.:
cleaning grain on farms and in elevators ... 372
farm bulk storage for small grains ... 218
Boeuf River, bridge in Louisiana ... 635, 666, 783
Boger & Crawford, cotton ... 902
Bogota Paper & Board Co., Inc ... 716
Bogue, R. H., X-ray study of portland cement ... 230, 484
Bogue, *see* name of bogue.
Boiler furnaces, refractories service ... 481
Boilers:
Army regulations, steam boilers ... 77
rates on ... 716, 900
Bois Blanc Island, chart ... 142
Boise National Forest, to add lands ... 23
Bokel Cay Anchorage, chart ... 920
Bolívar, Simón:
bibliography of liberator ... 659
Pan American Union bulletin, Dec. 1930 ... 439
Boll weevils:
cotton improvement, weevil conditions ... 949
cotton or weevils ... 374
Boll worm, enemy of field corn ... 598
see also Pink bollworm.
Bolling, Mary C., relief ... 683, 778
Bolling Field, relocating B. & O. R. R. tracks ... 785
Bolt, Nut & Rivet Manufacturers Assoc ... 717, 819
Bolts:
carriage, machine, and lag, packaging ... 612
electrical resistance, nuts and bolts ... 160, 390
Federal standard stock catalogue ... 579
ship door, Amer. marine standard ... 301
Bombay, India, chart ... 258
Bombs:
aircraft, Army technical regulations ... 458
aircraft, nomenclature list ... 461
Bonamico, Louis, *v.* United States ... 983
Bond & Nohl Co., salt ... 907
Bonds:
sale of mortgage bonds on D. C. property—
hearings ... 674
report ... 674
security for postal savings funds ... 443
see also Bonds of United States—Securities—*also* names of companies, etc., issuing bonds.
Bonds of officers, companies acceptable as sureties, etc ... 268, 1081
Bonds of United States:
caveat list of registered bonds and notes ... 75, 138, 202, 272, 363, 455, 583, 749, 850, 935, 1009, 1084.
on deposit ... 74, 136, 201, 271, 362, 454, 582, 747, 849, 933, 1008, 1083
outstanding bonds and notes, market prices, etc ... 74, 137, 202, 271, 363, 454, 582, 748, 849, 934, 1009, 1084
postal savings bonds, information ... 569, 925
regulations of Treasury Dept., extract ... 845
second liberty bond act, to amend—
hearings ... 658, 675
law ... 783
reports ... 658, 800
transfers, etc., of registered bonds ... 845
see also Treasury notes.
Bone-black, standard stock catalogue ... 269
Bones:
bovine skeletal samples ... 595, 757
cattle, calcium ratio ... 595, 757
facial, multiple fractures ... 585
lepers, rel. of calcium, etc., of blood sera ... 851
skeletal remains of early man ... 70
tumors in ex-service men ... 852
Bongao, Port, chart ... 770
Boning lamb cuts ... 1020
Bonner, J. T., relief ... 18

Page

Bonner, Jim, *v.* United States ... 983
Bonnets:
proclamation decreasing duty ... 734, 1006
Tariff Comn. report on straw hats, etc ... 739, 1006
Bonney, Victor B., tenderness of canned goods ... 866
Bonus act, *see* World War adjusted compensation act.
Bonwit, Teller & Co. *v.* United States ... 185, 893, 1004, 1059
Bonynge, Robert W., report ... 357
Book of estimates, *see* Budget.
Bookbindings, preservation of leather ... 284
Bookkeeping and Warrants Division ... 578, 740
Bookkeeping regulations of Indian Affairs Office ... 243
Books:
Asiatic books added to Library of Cong ... 561
circulation to tuberculous patients ... 203
copyrighted ... 58, 124, 190, 254, 341, 433, 561, 725, 827, 918, 990, 1063
index, etc., 1929 ... 190
customs appeals ... 805, 889
for adult blind, to provide—
estimate ... 827
laws ... 783, 789
report ... 655
libros y bibliotecas en México ... 567
permissible inclosures, 3d-class rate ... 347
see also Children's literature—Incunabula—Reading.
Booth, C. O., examination reports from rating standpoint ... 274
Booth, James M., relief ... 514, 623, 778
Booth, John E., Lumber Corporation ... 424
Boots and shoes:
leather, shoes, selection and care ... 1021
specifications, etc ... 747
stabilization of employment in industry ... 560
Borah, William E. (Senator from Idaho):
reports made by—
Foreign Relations Com ... 102, 520–521, 676–677
Judiciary Com ... 682
Borden Company, tin-plate ... 908
Borden Sales Co., Inc., condensed milk ... 978
Border Patrol, to establish, hearing ... 516
Borders, Ed, cattle ... 47
Boric acid buffers, stabilization ... 881, 1038
Boring insects, *see* names of insects.
Borneo, charts ... 62, 126
see also Dutch Borneo.
Bornite leaching, chemistry ... 609
Boron in irrigation water may hurt orchards ... 88
Borrows, P. J., ultraviolet light in epilepsy ... 1086
Borts, I. H., undulant fever ... 273 (2 entries), 750
Borum, John, *vs.* United States ... 696, 909
Boston, Mass.:
airport, lease of Governors Island—
hearings ... 646
law ... 616
reports ... 505, 684
American Federation of Labor convention, address of President Hoover ... 263
American Legion convention—
address of President Hoover ... 263
proceedings ... 1040
harbor, chart ... 223, 1031
harbor, tidal current charts ... 604
rivers and harbors in district, rp ... 587
unemployed men at agency, Jan. 1930 ... 189
Boston & Albany R. R.:
freight rates ... 424
rates on—
coal ... 113
cotton goods ... 176
milk ... 49
pasteboard ... 817
sashes ... 907
textile machinery ... 716
Boston & Maine R. R.:
bonds ... 976
operation ... 170
rates on—
coal ... 113
coir ... 814
glue-stock ... 1056
lard substitute ... 545
lumber ... 546, 904
mats and matting ... 980

Page
Boston & Maine R. R.—Continued.
rates on—continued.
meat 180
paper 181
paper board 714
paper cups 117, 321
potatoes 981
wood-pulp 716
stock 170
switching 184, 907
valuation 716
Boston Buick Co., United States *v.* 551
Boston Pressed Metal Co 234, 251, 426
Boston Terminal Co., bonds 170
Boston Valley Telephone Co 1052
Boston Wool Trade Association 908
Botanical visit to South and East Africa 840
Bots and their control 865
Bottles, rates on 47, 174, 543, 978
see also Hot-water bottles.
Botts, Adelbert K., rainfall of Salvador 601
Botts, Harry H., convulsive seizures 1011
Boucher, Chauncey S., correspondence addressed to Calhoun 737
Boulder Canyon irrigation project:
permits and leases in Boulder City 974
specifications, etc 421, 538, 1049
Boulder City, Nev.:
permits, etc., for business and residence 974
specifications, etc., for streets, etc 1049
town site establishment 523, 654
Boundaries of United States and the States 313
Boundary waters, boards of control, etc., operations 588
see also International Joint Commission on Boundary Waters between U. S. and Canada—International Water Commission, U. S. and Mexico.
Bourke, Joseph, *v.* United States 551
Bourne, Jonathan, jr., drift toward dictatorship 797
Bourse, Paris, article on 157
Bouton, C. M., manometry of explosions 878
Bovine, *see* Cattle.
Bowditch, Nathaniel:
American practical navigator 343
tables from 1067
Bowen, C. K., relief 798
Bowen, John T., harvesting and storing ice 285
Bower, Ward T., Alaska fishery industries, 1929 223
Bowers, Frank K., Brown's Shamrock Linens, Ltd., *v.* exr 983
Bowie, William, geodetic operations, 1927–29 93
Bowker, Frank B., cattle 1054
Bowles, Oliver:
abrasive materials in 1929 226
asbestos in 1929 387
crushed-stone production, economics 609
feldspar in 1929 226
slate in 1929 388
talc and soapstone in 1929 388
Bowling, George I., court case 324
Bowman, David O., relief 778
Bowman, Frank L. (Representative from W. Va.):
report made by—
District of Columbia Com 496
Bown, Margaret S., relief 18
Bownocker, J. A., coal fields of Ohio 242
Bowring & Co. *v.* United States 1041
Bowring, Jones & Tidy, Ltd 200
Box, John C. (Representative from Tex.):
minority views—
Claims Com 626
reports made by—
Claims Com 396, 493, 496, 627
Boxes:
rates on 112, 543, 707, 814, 900, 1053
specifications, etc., packing boxes 849
standard stock catalogue 360, 452, 847, 932, 933
Boxwood hedge, rates on 174
Boy Scouts of America, report, 1930 881
Boyce, D. H., news ink and newsprint 971
Boycott, A. E., transition from live to dead 355
Boyd, E. W., *v.* United States 694
Boyer, James W., jr., to pay for services 791
Boyle Manufacturing Co., tinware 425
Boys:
athletic badge tests 891
blouses, etc., commercial standard 964

Page
Boys—Continued.
forty books for boys 418
how boys can help in drought emergency 891
physical development and posture, pt. 4 936
suits for small boy 470
Brace, Clifford C. C.:
encephalitis lethargica 76
structural basis of mind 1086
Brace, Robert W.:
nephrosis 1011
undulant fever 76
Brachial plexus injury, unusual 203
Braden, Glenn T., exr. *v.* United States 804, 968
Bradford, Herman H., relief 510
Bradley, F. A., coal 544
Bradley, M. A., case of executors 819
Bradshaw, Addie C., relief 623
Brady, A. Spates, *v.* United States and I. C. C. 983
Brady, Hope H., exrx., *v.* Frank J. Ham 251
Brady, John R., *v.* United States 324
Bragg, Fort, right of way for sewer pipe 645
Braid, customs appeal 237
Braille publications, Library of Congress catalogue 59
Brain:
abscess, report of case 76
gunshot wound of frontal lobe 203
intracranial tumor, glioma 203
mental reactions in brain tumor 974
syphilis, vascular type 274
tumor patients, nursing care 203
tumor symptoms with chronic tuberculosis 1086
Brainerd, Heloise:
intellectual cooperation between the Americas 1070
same (in Spanish) 996
Brainerd, Minn., bridge 501, 669, 786
Brainerd Fruit Co., strawberries 50
Brake-band linings, stock catalogue 1008
Brakes, U. S. *v.* C. St. P. M. & O. Ry 108
Bramble, Barzilla W., relief 19
Brampton Woolen Co 324, 551
Bran, rates on 543, 707
Branch banks, *see* Banks and banking.
Branch factories abroad 607
Branche, G. C., tryparsamide therapy of neurosyphilis 937
Branham, Sara E.:
bacillus psittacosis Nocard 202, 583
meningococci studies, classification, etc 936
type distribution of meningococci 139
Brann, J. W., ginseng diseases 8
Brannon Coal Co 1054
Branson, Mo., bridge 642, 672, 789
Brant, John M., Co. *v.* United States 324
Brass, rates on 543, 1053
Brass tubing, rates on 707
Bratten, Joseph, relief 683, 778
Bratter, Herbert M.:
Japanese banking 876
promotion of tourist travel 480
silver market in 1930 608
Bratton, Sam G. (Senator from N. Mex.):
reports made by—
Indian Affairs Com 680
Post Offices and Post Roads Com 528
Public Lands and Surveys Com 529, 693
Brauer, August, jr., cotton-goods market 876
Braun, Gustav J., relief 19
Brauns, D. H., application of fluorating process to fructose 775, 964
Brazil:
air mail service 194, 261, 347
art 834
automotive market 296
belting market 224
charts 565, 832, 920
exportation of arms, etc., prohibited 264
foreign trade for 1928 and 1929 193
homenagem ao Brazil, Pan American Union bulletin 65
income tax on shipping profits, relief 929
motor roads 877
Brazing material, ordnance nomenclature list 278
Braznell, Benjamin, relief of estate 36, 492
Brazos River, chart 605
Bread:
price investigation—
hearings 797
reports 408, 797
standard stock catalogue 1082

Page

Breece, George E., Lumber Co. 180
Brenizer, Warren F., Co., to pay claim 736
Brennan, J. F., determining altitude where water freezing point occurs 952
Brenner, H. C., Realty and Finance Corporation, bridge 401, 617, 669 (2 entries)
Brenner, Joseph G., Co., buckles 969
Bresky, Henry, & Son, strawberries 549
Breslin, James, exercise in tuberculosis convalescence 585
Bretherton, R., market research agencies 386
Briant, E. S., exr., *v.* George C. Hopkins 338
Brick ice cream molds and cartons 1038
Bricks:
  changes in brick masonry materials 1038
  Federal standard stock catalogue—
    brick 847
    fire-clay brick 744
    paving brick 201
  insulating material, marine standard 99
  mortar and brick, bond between 775, 965
  rates on bricks 47, 112, 174, 319, 424, 543, 707, 900, 978, 1053, 1054
  rates on fire-brick 815, 979
Brickwedde, F. G., precision cryostat 775, 965
Bridge builders' outfit, rates on 174
Bridgeman Russell Co., cream 176
Bridgeport, Conn., First National Bank, comnr. of internal revenue *v.* 325, 723
Bridgeport Irrigation District 185
Bridger Basin, Wyo., fossil hunting 839
Bridges:
  Army training regulations, bridging 939
  Federal aid in construction 689
  regulation of tolls 23
  see also names of bridges, or places where located—*also* names of rivers or bodies of water to be bridged.
Bridgton & Harrison Ry. 540
Brief cases, specifications, etc. 747
Brier Hill Collieries, cases 120, 251
Briggs, Fred N., bunt resistance in wheat 861, 950
Briggs, G. S., & Co., Inc. 102, 251
Briggs, L. J., airfoils 59, 562
Briggs, Lewis G., case of executrix 531
Briggs, Owen L., census of electric rys., etc. 603
Briggs & Turivas 551, 694, 717, 909, 983, 1059
Brigham, Elbert S. (Representative from Vt.):
  report made by—
    Agriculture Com. 622
Bright, Alexander H., relief 492, 514, 778
Bright, H. A.:
  determination of carbon in steels 230, 390
  magnesium determination 485, 775
Bright-Brooks Lumber Co. 905
Brightwood reservoir 25
Brigman, James E., relief 683, 778
Brilliant Coal Co. 708
Brimstone Railroad & Canal Co. 896
Brinell numbers, relationship to Rockwell 17, 99
Brinkerhoff-Faris Trust & Savings Co. 359
Briquets:
  charcoal, rates on 543
  fuel briquets in 1929 14
Bristol Channel, chart 1068
Bristol Harbor, anchorage grounds 78
British, *see* Great Britain.
British Columbia:
  chart 344
  light list 878
  pilot, supplements 830
  Thompson Indians 197, 355
  tularæmia occurrence 584, 936
British Guiana, money-order post offices 129
British Honduras:
  chart 832
  money-order post offices 129
British Islands, *see* Great Britain.
British Isles, *see* Great Britain.
British Malaya:
  automotive products, marketing 385
  cotton-goods market 876
  machinery market 480
British South Africa, industrial machinery 96
Britten, Fred A. (Representative from Ill.):
  reports made by—
    Naval Affairs Com. 403, 507–508, 650–652

Page

Britten, Rollo H.:
  life insurance mortality rates 584, 935
  occupational mortality, 1915–26 202
  physical development and posture, pt. 4 936
  physical impairments 139, 364
  radiant energy and skin temperatures 76
  readings of pulse rate of clerks 456, 851
Britton, Alexander, case of administrator 426
Britton, Jesse J., relief 645, 778
Broadbent, Sam R., Unaka National Forest 470
Broadcasting, *see* Radio communication—Radio station.
Broadhurst, Leon P., exr., *v.* Robert O. Eaton 55, 915
Brock, William E. (Senator from Tenn.):
  paper presented by—
    packers' consent decree 796–797
  reports made by—
    Claims Com. 514, 664–665, 798
    Commerce Com. 519
    Military Affairs Com. 684, 686, 802
Brockett, Paul, bibliography of aeronautics 562
Brodell, Albert P., beef-cattle industry 862
Brogdex Co., American Fruit Growers, Inc., *vs.* 844
Brombacher, W. G.:
  aircraft instrument materials 191, 1064
  pressure element for altimeter 59
Bromine in 1929 388
Bronchial asthma 203
Bronchitis:
  article on 274
  chronic bronchitis 751
Bronchus, foreign body in 1086
Bronson, Adelbert E., patent appeal 15
Bronzes, bearing, additions of zinc, etc. 99, 230
Brooding:
  of chickens 596
  poultry production increased 85
Brookens, P. F., dairy and poultry statistics 84
Brookhart, Smith W. (Senator from Iowa):
  reports made by—
    Claims Com. 514–516, 661–663
Brooklyn, N. Y., memorial to Dover Patrol 789
Brookneal, Va., bridge 519, 641, 788
Brooks, Bayard, court case 40, 551
Brooks, Charles, diseases of apples in storage 287
Brooks, Charles F.:
  Gulf Stream temperatures 219
  Gulf Stream thermograms, Florida Straits 10
  soil temperatures 870
  thunderstorm top knots 291
Brooks, Edward, relief 526
Brooks, Emmett, relief 36, 392
Brooks, John D., phrenicotomy, report of cases 366
Brooks, John N., relief 396
Brooks, Robert P., correspondence addressed to Calhoun 737
Broom-corn:
  growing and handling 152
  rates on 1054
Broomfield, Blanch, relief 623
Brooms:
  rates on 543
  standard stock catalogue 1081
Brotherhood of Painters, Decorators, and Paperhangers of America:
  Barker Painting Co. *vs.* 359
  United States *v.* 51, 551, 717
Brotherhood of Railway and Steamship Clerks 359
Broussard, Edwin S. (Senator from La.):
  reports made by—
    Naval Affairs Com. 525–526, 687–688
Brown, Andrew J., relief 514, 778
Brown, C. G., steel spars under loading, tests 459
Brown, Clark, corn 113
Brown, Claude P., bacteriophage adsorption by bacteria 751
Brown, David I., relief 645
Brown, E., forage-crop seed imports vary 88
Brown, E. J., longitude determination equipment 93
Brown, E. W.:
  high carbon dioxide effects 256
  shock during submarine lung training 1066
  value of high oxygen 60, 61

Page

Brown, Earle G., report of committee on milk 1085
Brown, Elmer E., universities, radio address 872
Brown, Emily C., industrial accidents 341
Brown, Gerald, admx. of Owen P. Smith *vs* 1004
Brown, Harry J., alias, *see* Beck, Robert E.
Brown, Henry, case of admr 983
Brown, Hylton R., cotton-gin fires frequent 5
Brown, James L., laws of industrial property in Peru 157
Brown, Lois, craft work occupational therapy 853
Brown, Lytle, geodetic work by Corps of Engineers, Army 93
Brown, Mabel L., relief 778, 801
Brown, Paul F., dislocation at shoulder 76
Brown, W. Duval:
  international trade in petroleum, etc 157
  market for cooking, etc., appliances 95
Brown, W. P., & Sons Lumber Co.:
  lumber 1056
  reconsignment 981
  v. comnr. of internal revenue 51, 426, 576
Brown, Walter F., *see* Post Office Department.
Brown, Warren W., Baltimore Pan American Exhibition of Contemporary Paintings 834
Brown, William J., *v.* United States 54
Brown canker of roses 861, 950
Brown Produce Co., potatoes 117, 817
Brown-tail moth 377
Brown University:
  Botany Department—
    rose diseases, causes and control 1025
Browne, F. L., some wood surfaces hold paint longer 216
Browning, John M., patent case 52, 53
Browning machine rifle, technical regulations 458
Brownmiller, L. T., X-ray study of portland cement 230, 484
Brown's, Simon, Sons, cucumbers 709
Brown's Shamrock Linens, Ltd 983
Brownville, Nebr., bridge 517, 637
Brownville Bridge Co., bridge 517, 637
Broxton, William:
  cattle, hog, sheep, etc., statistics 84
  dairy and poultry statistics 84
  fruit and vegetable statistics 4
Bruce, Annie, to pay 33
Bruce, Donald:
  correlation alinement charts 599
  growth of 2d-growth southern pines 215
Bruce, E. A., tularæmia in British Columbia 584, 936
Bruce, Frank, to pay widow 33
Bruce, Julia A., comnr. of internal revenue *v.* 332, 357, 912, 1005
Brucella infection in Iowa 273 (2 entries), 750
Brueggeman, W. C., welded joints for aircraft 60, 1064
Bruhn, William L., relief 778, 802
Brundage, Dean K., sickness among industrial employees 139
Brundige, Darold, relief 514, 778
Brunsbuttelkoog, chart 126, 1067
Brunstetter, Byron C., culinary quality of potatoes 950
Brunton, Robert, case of executrix 52, 427
Brush wheels, dental, waste elimination 612
Brushes:
  specifications, etc 747
  standard stock catalogue 73, 135, 579, 580, 744, 745, 847, 1081
Bruun, Johannes H.:
  benzene and hexane in petroleum 965
  isomers of hexane from petroleum 230, 390
  toluene content of petroleum 775, 966
Bruun, Mildred M. Hicks:
  benzene and hexane in petroleum 965
  isomers of hexane from petroleum 230, 390
  molecular-weight apparatus 160, 302
Bryan, Mary K., bacterial canker of tomato 465, 599
Bryan, William J., memorial in Washington, D. C 30
Bryant, K. K.:
  experimental syphilis 273
  Kahn test in rabbit syphilis 76, 203
Bryant & Detwiler Co. *v.* United States 717, 1042
Bryant-Link Co. *v.* George C. Hopkins 251

Page

Bryce Canyon National Park:
  boundaries, etc 509, 528, 783
  general information circular 894
  proclamations 570, 999
Bryson, Walter J., Paving Co., relief 514, 624
Buchanan County, Iowa, soil survey 947
Buck, Gene, Jewell-LaSalle Realty Co. *vs* 930
Buck, J. M., vaccination to prevent bovine abortion 371, 372
Buck, Robert C., malignancy coexistent with tuberculosis 937
Buck Creek Oil Co., relief 19
Buckeye-Beardsley area, Ariz., soil survey 212
Buckeye Rolling Mill Co., rails 906
Buckhannan, W. H.:
  soil surveys—
    Hamilton County, Nebr 864
    Keith County, Nebr 150
Buckingham, B. R., as estatisticas e o pensamento educativo moderno 567
Buckingham, Edgar, contraction coefficients of jets of gas 964
Buckles, customs appeals 969, 1044
Buckley, John S.:
  carotenosis of bovine livers 4
  diseases and parasites of poultry 467, 1021
Buckley, S. S., castration of hogs 211
Buckner, La., bridge 635, 666, 783
Buckstaff Co., furniture 711
Buckthorn, methods of eradicating 376
Buckwheat region, beekeeping 213
Budapest, Hungary, International Congress of Military Medicine and Pharmacy 393
Budget:
  publications on budget accounting 311, 972
  United States—
    budget for 1932 450
    estimates, 71st Congress 233, 1040
    extracts from 1932 budget 450, 451, 452
    message from President 450, 451, 452
    reporting expenditures, Exec. order 999
    statements 450, 451, 452
  see also Finance.
Budget Bureau 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
  report, 1930 451
Buen Suceso, Bahia, chart 259
Buenaventura, Port, chart 565
Buenos Aires, Argentina, meteorological conditions on airway 601
Buffalo, N. Y.:
  airway maps 11, 221
  chart of harbor 142
  industrial education in public schools 973
  rivers and harbors in district, rp 587
  unemployment, Nov. 1930, etc. (2 entries) 560
Buffalo & Susquehanna R. R.:
  control 110
  excess income 421
  rates on coal 814
Buffalo, Rochester & Pittsburgh Ry., valuation 50
Buffers, boric acid, stabilization 881, 1038
Buffing wheels, full disk 484
Bugher, Henrietta B., *v.* John C. Gotwals, etc 551
Bugs, *see* names of bugs.
Builders' nontemplate hardware 390
Building:
  census report on D. C. construction 476
  construction developments during 1929 224
  construction service, Census Bureau 666
  in principal cities—
    1929 432
    1930 57, 189, 253, 432, 560
    1931 826, 917, 989
  institutional, avenue to employment 872
  logs and poles in farm construction 869
Building and Housing Division, Standards Bur. 224, 484, 612
Building and loan associations, bankruptcy 642
Building Code Committee:
  fire resistance in buildings 612
  masonry wall construction requirements 881
Building materials:
  Federal standard stock catalogue 847
  specifications, etc 849
  see also names of materials.

Page

Buildings:
fire resistance, recommended requirements 612
heat transfer through building walls 775, 964
mail door slots, office buildings 261, 568
protection from lightning 219
rammed earth walls 8, 1026
rat proofing 373
wind pressure on mill building model 881, 1039
see also Public buildings—School-buildings—*also* names of buildings or places where located.
Buitrago Díaz, Salvador, reimbursement 574
Bulbar palsy, progressive 585
Bulbs-and-roots, standard stock catalogue 1008
Bulger Block Coal Co. *v.* U. S. 551, 886
Bulkley, Robert J. (Senator from Ohio):
paper presented by—
stabilization of coal industry 796
Bulkley, Ronald:
new consistometer 17, 98
surface tension of soap solutions 230, 391
viscous flow and surface films 485, 613
Bull fights in Canal Zone 640
Bull Run battlefields, study, etc 615, 683, 684
Bullard, George A., dental and medical papers 1086
Bullard, P. C., Duluth, Minn., district, rp 587
Bulletins, *see* Farmers' bulletins—*also* names of Departments, bureaus, etc., issuing bulletins—*also* subjects.
Bullion, standard stock catalogue 744
Bulls:
proved dairy sires 468
purebred dairy sires 285
Bully Creek East Bench, *see* Vale irrigation project.
Bulman, Grace M., selective menu in hospital 203
Bundy, Harry E., diverticulum of esophagus 937
Bundy Tubing Co., brass tubing 707
Bunn, Charles W., L. M. Willcuts *vs* 576
Bunt resistance in wheat hybrids 861, 950
Bunting, E. N.:
phase equilibria in system Cr_2O_3–Al_2O_3 1038
phase equilibria in system $Cr_2O_3SiO_2$ 99, 231
Bunting, standard stock catalogue 1081
Bunyea, Hubert:
diseases and parasites of poultry 467, 1021
udder diseases of dairy cows 283
Buoys, system of United States 772
see also names of places where located.
Burbank, Luther, relief of successors 23
Burch, D. S., grading up beef cattle 372
Burch, Md., bridge 28
Burchard, E. D.:
surface water supply—
Atlantic, etc., basins 419
Ohio River basin 243, 892
Burchard, Ernest F.:
iron ore on Canyon Creek 700, 892
metals and nonmetals, 1930 892
Burdick, Clark (Representative from R. I.):
reports made by—
Naval Affairs Com 33, 507, 651–652
Bureaus, *see* Government offices—*also* names of bureaus.
Burgess, A. F., gipsy moth and brown-tail moth 377
Burgess, C. P.:
flight tests on U. S. S. Los Angeles 59
speed, etc., trials of U. S. S. Los Angeles 59
torsional strength of wings 59
Burgess, F. M., *v.* comnr. of internal revenue 1061
Burgess, George W., relief 19
Burgess shale fossils:
addenda 1077
restudy 356
Burgin, Miller S., to reinstate 687
Burgoyne, Erving H., *v.* United States 1059
Burgwald, L. H., cleaning milking machines 86
Burkburnett Refining Co 324
Burke, David A., United States *v.* 551
Burke, James C., pension 526, 614
Burke, R. T. Avon:
soil surveys—
Camden area, N. J 864
Montgomery County, Ala 86
Burke County, N. C., soil survey 468
Burkhalter Robert P., attorney, fee 134
Burley Irrigation District, Secretary of Interior *vs* 1044
Burlington Harbor, chart 591

Page

Burlington-Rock Island R. R 540
Burlington Shippers' Association 980
Burma, market for imported foodstuffs 225
Burmeister, Charles A., beef-cattle industry 862
Burnett-Yount Horse & Mule Co 905
Burnham, John B., patent appeal 879
Burns, Robert, Lumber Co., switching charges 322
Burress, William G., relief 645
Burrows, Addison E., Belgian-Luxemburg iron, etc., industry 386
Bursting strength test for paper 612, 776
Burt, Charles E.:
South American lizards 356
Teiid lizards, genus Cnemidophorus 928
Burt, George F., & Co., bananas 706
Burt, May D., South American lizards 356
Burt, Wellington R., trustee *v.* U. S 186, 235, 429
Burtch, Guerney O., court case 358
Burtness, Olger B. (Representative from N. Dak.):
reports made by—
Interstate and Foreign Commerce Com 400, 561–502, 637–638, 640–641, 794
Burton, C. C.:
habitual dislocation at shoulder 76
injection treatment of varicose veins 203
Burton, John O., alpha-cellulose content, etc., of paper 880, 1039
Burton, Mrs. L. E., relief 778, 798
Burton Brothers & Co., Inc 697
Busch, Bonnie M., court case 910
Busch, Clarence M., court case 910
Buses, *see* Motor-vehicles.
Bush, Ada L., outline of city survey 877
Bush, Ardry L., coal 814
Bush, David V., Fed. Trade Comn. rp., etc 697
Bush, Tilman O., coal 814
Bushnell, David I., jr.:
five Monacan towns in Virginia, 1607 354
Monacan sites in Virginia 840
Business:
guide for American business in France 772
relation of indus. traffic management 386
survey of current business 13, 95, 157, 224, 296, 385, 479, 607, 771, 876, 960, 1034
weekly supplement 13, 95, 157, 224, 296, 385, 479, 607, 771, 876, 960, 1034
taxation in France 960
unemployment and business stability 953
Business depression:
prevention of unemployment during—
law 618
reports 503, 504
Business High School, D. C., use 629
Business schools, *see* Commercial education.
Busses, *see* Motor-vehicles.
Bussey, Arthur, *v.* United States 235
Buswell, C. E., myocardial impairment 937
Butcher, L. H., Co., china-clay 901
Bute Inlet, chart 994
Butler, C. S.:
International Hygiene Exposition 829
venereal-disease prevention (2 entries) 1066
Butler, Harry S., *v.* United States 968
Butler, Hugh, United Kingdom handbook 226
Butler, J. Turner, United States *v.* 717
Butler, John S., Seattle, Wash., district, rp 589
Butler, L. F., heterothallic pathogene of apple 147, 216
Butler, Robert R. (Representative from Oreg.):
reports made by—
Claims Com 626
Public Lands Com 404, 655
Butler County, Ohio, soil survey 1021
Butler Lumber Co. *v.* United States 52, 411, 717, 1042
Butler Paper Corporations 905
Butte Anglers' Club, patent to lot 654, 691, 778
Butte Fruit & Produce Co., Inc., apples 706
Butter:
making on farm 373
rates on 707, 1054
see also Oleomargarine.
Butterbaugh, Wayne E., industrial traffic 386
Butterfield, Chester T.:
dilution waters in oxygen demand tests 1010
influence of plankton on oxidation 750, 936
Buttermilk, rates on 112
Buttons, customs appeal 102

Page
Butts, Marie, world cooperation of home and school 241
Butts, Thomas, American business in France 772
Buzzards Bay:
anchorage grounds 78
charts 12, 155
preliminary examination, etc 1013
Buzzerphone, Army technical regulations 752
By-products:
coke and by-products in 1928 14
fishery by-products of U. S. and Alaska 959
standard stock catalogue, wool waste 848
By-Products Coke Corporation 542
Byck, Lawrence, patent appeal 482
Byers, Charles W., relief 19
Byers, Horace G.:
American peat profiles, characteristics 284
colloidal materials in major soil groups 468
field percolation rates of soils 598
Bynum, Mary L., world's exports of coffee 480
Byrd Antarctic Expedition, green flash 1027
Byrne, Michael J., *v.* United States 694, 1059
Byrnes, James C., jr., *v.* United States 235
Byron, Charles E., relief 19

C

C. O. D. mail, *see* Collect-on-delivery mail.
Cabbage:
article on 376
rates on 319, 707
resistance, etc., to yellows 3, 88
Cabbage worm and its control 374
Cabin Creek petroleum, lubricant fractions 14
Cabinets:
Federal standard stock catalogue 580
rates on filing cabinets 114
Cable, John L. (Representative from Ohio):
reports made by—
Immigration and Naturalization Com. 632
Cable, Louella E., teleostean fishes 385
Cable lines, Army extension courses 367
Cables (submarine):
chart of the world 437
uniform system of accounts 246
Cabral Bay, chart 565
Cabs, *see* Taxicabs.
Cacao:
el cultivo del cacao 193
Cachard, Henry, trustee, court case 154
Caddo Indians, burial sites, to purchase 634, 680
Caddo Parish, La., acceptance of land, etc. 512, 619
Cadell, Clarence C., relief 19
Cadets, *see* Coast Guard—Military Academy, West Point—Naval Academy, Annapolis.
Cæcum, hyperplastic tuberculosis of 829
Caemmerer, H. R., Washington, the Nat. Capital 690
Caesium:
photo-ionization 17, 98, 99, 230 (2 entries). 390
recombination into 1^2S state 612, 775
resonance and quenching 17, 98
Caffrey, D. J., fighting corn borer 89
Cahan, Charles H., jr., *v.* United States 983
Cahn, Rudolf E., Brazilian market for belting 224
Cahuilla Reservation, additional land 632, 678, 783
Cain, Robert, Alpha Steamship Corporation *vs.* 359
Cairo Association of Commerce, bridge 401, 618, 670
Cairo Furniture Co., stoves 184
Cairo, Truman & Southern R. R., abandonment 170
Calayan landing, chart 875
Calcasieu County, La., in customs dist. no. 21 68
Calcium:
content of blood sera of lepers 851
phosphate/carbonate ratio in cattle bones 595, 757
retention of young growing pigs 861, 945
salts, use in epilepsy 1086
Calcium carbide:
Federal standard stock catalogue 269
rates on 174
Calcium chloride:
a-d-gulose calcium chloride compound 160, 302
production in 1929 388
Calcium fluoride:
effect on calcium retention of pigs 861, 945

Page
Calco Chemical Co., naphthalene 249
Calculus of kidney complicated by bullet 1066
Calderon, Raimunda Valladares de, *see* Valladares de Calderon, Raimunda.
Caldwell, F. R.:
freezing point of platinum 1038
refractories for use at high temperature 1038
Waidner-Burgess light standard (2 entries) 1038
Caldwell, Herbert, adeno-carcinoma of kidney 366
Caldwell, Joseph S., peaches, canning quality 217
Calendar pads, etc., standard stock catalogue 135
Calendars:
titles held calendar, 1931 561
Calendars (of business), *see* Court of Appeals of District of Columbia—Court of Claims—Court of Customs and Patent Appeals—House of Representatives—Senate—*also* names of certain Congressional committees.
Calhoun, John C., correspondence addressed to 737
California:
a fructicultura na California 260
additional district judge 26
age limits in industry 724
amphipod crustacean, new species 840
Arizona *v.* (waters of Colorado R.) 550, 819, 1004
bridge, *see* San Francisco Bay.
case of Yetta Stromberg *vs.* Calif. people 845, 1005
census, 1930, population bulletin 381
charts 94, 770
cherry trees, study 147, 216
coast pilot, supplement 477
Curriculum Commission—
activity program 973
guide to child development 418
dates, processing and storing 376
Education Department—
activity program and reading 973
teachers' guide to child development 418
fig insects 948
fire protection in pine region 151
fisheries, review 223
forest fires, 1911–20 949
fossil forms, peculiar spiral 265
gas-lift method of flowing oil wells 158
geologic units, names and definitions 700
ginger paralysis epidemic, 1930–31 1010
gold, silver, copper, lead, and zinc 961
Harbor Commissioners Board—
v. United States 337, 449
income taxes for married individuals 676
Indians, studying 840
lands withdrawn for—
classification 130, 734, 837
resurvey 734, 926, 999, 1074
resurvey, revocation 196
water supply 68, 131, 351, 444, 509, 571, 692, 785, 967, 1074
light list 878
national forests benefit the State 87
nitrate deposits, southeastern Calif. 810
payment of damages to certain citizens 23
postal service—
mail routes, schedules 67, 263, 443, 732, 1073
post route map 733
potash restoration no. 9 570
power-site restorations 130, 196
public water reserves 351
public water restorations 67, 196
Public Works Department—
irrigation-district statutes, summary 600
publications concerning, for sale 535, 1047
reimbursement 416, 801
reservoir-site restoration no. 10 264
retail trade, census, 1930 954
school transportation, cost 418
seasonal precipitation, prediction 952
treasurer—
Leslie T. Alward *vs.* 930
water supply of certain towns—
hearings 967
law 785
report 692
water supply of Pacific slope basins 43, 107

Page

California Agricultural Experiment Station:
bunt resistance in wheat hybrids 950, 951
soil survey of Clear Lake area 1021
volume and tonnage of haystacks 1020
wheat×rye hybrids and back crosses 950
California Débris Commission 590
report, 1930 590
California Growers' and Shippers' Protective League 72
California Pine Box Distributors:
lumber 179
switching charges 1058
California Preserving Co., Inc 1045
California State Belt R. R., *see* State Belt R. R. of California.
California University, *see* California Agricultural Experiment Station.
Calisthenics, *see* Physical exercise.
Calle, Octave, *v.* United States 338
Calliope Dock, chart 565
Calliphoridae family, new 2-winged flies 198
Callus formation in tree wounds 1026
Calnan, Michael F., relief 651
Caloosahatchee River drainage area, report 405
Calorimetry:
thermal properties of methyl alcohol, etc 965
thermal properties of water and steam 99, 231
Calumet River, *see* Grand Calumet River—Little Calumet River.
Calusa Indians of Florida, mounds 840
Calverley, J. G., timbering in coal mines 388
Calvert, E. B.:
International Convention for Safety of Life at Sea, London, 1929 10
Weather Bureau 1028
Calves:
beef from grain-fed calves 283
beef from purebred, etc., calves 211
care of dairy calf 1022
care of dairy cow at calving time 6
rates on 707
vaccination to prevent abortion 371, 372
Camas Prairie R. R.:
rates on—
creosote oil 979
lumber 980
Camas Slough, dike or dam 23, 37
Cambrian bivalved Crustacea 928
Cambridge, Md., bridge 24
Camden, N. J.:
chart of waterfront 1033
soil survey of Camden area 864
Camera tripods, customs appeal 163
Cameron, Charles, alias, *see* Befuhs, William.
Cameron County, La., in customs district no. 21 68
Cammack, F. R., Neufchâtel and cream cheese 213
Camp, *see* Camps and camping—*also* name of camp.
Camp Douglas, Wis., railroad accident 975
Camp Manufacturing Co., lumber 1056
Camp Perry, Ohio, *see* Small Arms Firing School, Camp Perry.
Camp Sales Corporation *v.* United States 324
Camp tenders, instructions 215
Campaign expenditures:
Senatorial—
hearings 39, 102, 162, 234, 693, 803, 1040, 1041
individual views of Mr. Patterson 803
reports 803
Campbell, Frank B., United States *v.* 324, 983
Campbell, George, to pay 489
Campbell, George E., patent appeal 227
Campbell, James, to pay executor 489
Campbell, John F., Co 324
Campbell, Marius R., coal fields of U. S 242
Campbell, Maude, score cards for clothing 867
Camping, *see* Camps and camping.
Camps and camping:
good manners in the forest 7, 1024
labor camps 189
malaria, railroad camp, Rawson Switch 851, 1085
woods-wise camper 7, 286
you can make it for camp, lumber uses 11
see also Citizens' military training camps—Military camps—*also* names of camps.
Campus Martius Memorial Museum, silver service 651

Page

Can openers, rates on 47
Canada:
airports 156
climate, reading list 156
customs duty on advertising matter 441
halibut fishery, convention 842, 1078
history writings 355
Lake of the Woods convention with U. S 356
light lists 608, 961
market for cooking, etc., appliances 95
markets for motor boats, etc 386
money-order post offices 129
standard time zones 100
see also International Boundary Commission, United States-Alaska, and Canada—International Joint Commission on Boundary Waters between U. S. and Canada.
Canada Packers, Ltd., meat 180
Canada Power & Paper Corporation 547
Canadian Car and Foundary Co., Ltd 1003
Canadian goose, *see* Geese.
Canadian National Ry., rates on wood-pulp 119, 716
Canal, *see* Canals—*also* name of canal.
Canal record, *see* Panama Canal record.
Canal Zone, Isthmus of Panama, *see* Panama Canal (zone).
Canals:
Arizona's prehistoric canals 840
map of United States 536
New York State canals 591, 941, 1014
see also names of canals.
Canaries, their care and management 1021
Canavalia scab 595, 764
Canby, Ach & Canby Co., peanuts 547, 817
Cancer, *see* Tumors.
Candles, Chemical Warfare Service 853
Candy, *see* Confectionery.
Cane Belt R. R., bond 897
Caney Valley Ry., bonds 317
Canfield, G. H., water supply, Great Basin 243
Canfield, H. L., survey of Blue River 770
Canker, bacterial, of tomato 465, 599
Canned food:
in Asia, Africa, and Oceania 771
in Western Hemisphere 157
output grows under food and drugs act 151
publications on canning, for sale 165, 972
rates on 901
standards and labeling 28
see also Packing house products—*also* name of food.
Cannelton, Ind., bridge 638, 671, 787
Canneries:
in Alaska, protection of fisheries—
hearings 504
report 644
pineapple, women employed in Hawaii 433
Canniff, Kate, relief 19
Canning, *see* Canned food—Canneries.
Cannon, John Q., jr., nonmetallic minerals, etc 231
Cannon:
donating to—
Avon, Mass 23
Benicia, Calif 504
F. D. Hubbel Relief Corps 38, 393
Martins Ferry, Ohio 26
Maryland Society, D. A. R 505, 785, 802
Morristown, N. J 505
Veterans' Alliance of Vallejo, Calif 506
Cans, rates on 174, 352, 707, 978
Canyon Creek, iron ore 700, 892
Canyon De Chelly National Monument:
proclamation 926
to authorize establishment 499, 521, 615
Cape, *see* name of cape.
Cape Breton Island, pilot 61
Cape Cod Canal, preliminary exam., etc., rp 1013
Cape Fear Railways, Inc.:
notes 170
operation 704
Cape Fear River, preliminary exam., etc., rp 940
Cape May Harbor, chart 769
Cape May Hotel Co., receiver *v.* U. S 162
Cape Verde Islands, chart 993
Caperton, Jeff D., relief 624, 662
Caperton, Lucy V., relief 624, 662
Capes, *see* names of capes.

Page
Capital of United States, *see* District of Columbia.
Capital Park Commission, *see* National Capital Park and Planning Commission.
Capitalization, etc., of railways, 1930 896
Capitol:
buildings and repairs, estimates 474, 602
enlarging grounds—
hearings 653
laws 24, 783
minority views 653
reports 653, 690
statue in honor of patriotic women 682
Capitol, Architect of, *see* Architect of Capitol.
Capons and caponizing 759
Capper, Arthur (Senator from Kans.):
reports made by—
Agriculture and Forestry Com. 35, 513, 797
Claims Com 662–663, 665
District of Columbia Com 37, 408, 520, 673–675
Capps, G. W., potatoes 817
Capps, Stephen R., Chakachamna-Stony region 537
Capri blue, oxidation-reduction studies 851
Caps:
Federal standard stock catalogue 1082
rates on 113
Captive balloons, *see* Balloons.
Car fares, *see* Street-railroads.
Car-trucks, rates on 814
Caraway, T. H. (Senator from Ark.):
reports made by—
Agriculture and Forestry Com 512
Claims Com 663–664
Judiciary Com 409
Carbide and Carbon Chemicals Corporation:
cellosolve vapors 272
ethyl benzene vapors 202
Carbide Corporation of America 1004
Carbide of lime, *see* Calcium carbide.
Carbon:
activated carbon from coals, etc 387
determination in steels 230, 390
Mother Lode slime tailings 298
Carbon black:
production in 1929 226
rates on 174
Carbon County, Mont., geology, etc 166, 810
Carbon County Land Co. *v.* United States 988
Carbon dioxide:
high concentrations, effects 256
inhalations in dementia praecox 366
oxygen in preventing noxious effects 60, 61
Carbon disulfide as insecticide 86, 598
Carbon flour, rates on 978
Carbon Limestone Co., stone 981
Carbon monoxide:
asphyxia, neuropathology resulting from 1085
heat of combustion 485, 776
Carcinoma, *see* Tumors.
Card, J. M., Lumber Co., lumber 905
Card Division, Library of Congress 561
Cardashian, Vahan, court cases 325, 819
Carden, George A., claim, Ct. of Cls. to hear, etc 503
Cardiff Docks, chart 344
Cardiff Road, chart 344
Cardigan quadrangle, N. H 314
Cardium corbis, age and growth 770
Careers, law 1048
Caretakers of shipments of vegetables 1058
Carey, Philip, Manufacturing Co 717
Carey, Robert (Senator from Wyo.):
reports made by—
District of Columbia Com 674
Military Affairs Com 683–684, 686, 802
Caribbean Sea, chart 728
Caribou Island, chart 941
Carlin, Sadie A.:
meningococci studies, classification, etc 936
type distribution of meningococci 139
Carlin, Thomas G., relief 645
Carlin, Carlin & Hall, court case 969, 983
Carlisle, Chester L., rôle of affect in psychotic behavior 750
Carlisle Barracks, construction of stable 24
Carlisle Bay, chart 258
Carlock, Royal H., *v.* United States 186
Carlos, Caleta, chart 259

Page
Carlsbad irrigation project, map 168
Carlson, Grace, patent appeal 879
Carlson, Harry A., United States *vs* 120
Carlson, Victor, & Sons, demurrage 709
Carnegie Institute of Technology:
deoxidation of steel with silicon 609
oxidizability and composition of coal 1035
warning agents for gases 387
Carnill, William, case of executrix 551, 552, 558
Carolina, Clinchfield & Ohio Ry.:
bonds 170
rates on—
coal 175
lubricating grease 115
mica 713, 980
Carolina poplar, nemic fauna of slime flux 209, 288
Carolina Shippers' Association, Inc 907
Carolina Western R. R., rates on lumber 1056
Carondelet, Mo., bridge 27
Carotenosis of bovine livers 4
Carpenter, Benjamin, relief 20
Carpenter, C. G., cotton, sugar, etc., statistics 4
Carpenter, E. J.:
soil surveys—
Clear Lake area, Calif 1021
Eugene area, Oreg 597
Wheatland area, Wyo 150
Carpenter, Frank R., relief 645
Carpenter Paper Co., pulp board 817
Carpenter's mate, Navy training courses 829
Carpet beetles and their control 1022
Carpet wear testing machine 1038
Carpets, *see* Wool floor coverings.
Carr, Margaret J. S., accredited secondary schools 418
Carr, R. H., urinary calculi in sheep 861, 945
Carrier, Lyman, lespedeza as forage crop 950
Carriers:
blank form used in making reports 736
drinking water standards 1084
filing claims against, insert for act 244
investigation of holding companies, etc.—
hearings 233
report 32
list of corporate names, supplement 422
regulation, interstate commerce acts 245
see also Air mail—Motor-vehicles—Railroads—Shipping—Street-railroads.
Carrington, Thomas S., carcinoma of lungs 751
Carrión, A. L., rat-flea survey, San Juan, P. R 75, 273
Carroll, Burt H., photographic plates 17, 99
Carroll, Lula, admx., court case 358
Carroll, Mitchell B., taxation of business in France 960
Carroll, Thomas, flight tests, no. 10 cowling 59
Carroll, Vincent A., attorney, fee 843
Carroll, W. E., potassium iodide in feeding swine 3, 4
Carroll Electric Co. *v.* United States 694, 910
Carrollton quadrangle, Tex 893
Carrollton Railroad control 246
Carruthers, Lemuel A.:
feeble-minded, etc., in State institutions 1029
financial statistics of cities, 1928 768
financial statistics of States, 1928 476
marriage and divorce, 1928 11
marriage and divorce, 1929 873
prisoners in institutions, 1927 604
Cars, *see* Freight-cars—Passenger-cars—Refrigerator-cars.
Carson, Elmo B., patent appeal 299
Carson, F. T., paper, bursting strength test 612, 776
Carson, Max H., water supply of Hawaii 166, 243
Carson National Forest, resources, etc 375
Cartels:
international cartel in 1930 771
Carter, Beverly E., *v.* United States 305, 427, 531
Carter, C. W. H., Co., president, etc., *v.* U. S 531
Carter, George H., *see* Government Printing Office.
Carter, R. H., insecticidal properties of fluorine 85
Carter, Walter, beet leaf hopper 468
Carter, William T., soil of Milam County, Tex 5
Carter Grocery Co., cabbage 319
Cartons for brick ice cream 1038
Cartwright, Wilburn (Representative from Okla.):
report made by—
Indian Affairs Com 634

Page

Caruso, Rinella, Battaglia Co., Inc.:
citrus fruit 175
lettuce 816
Carver, Amos D., relief 492, 514
Carver, Clifford N., relief 492, 514
Carville, La., Leper Home (Marine Hospital) 584, 936
Carvin, Frank R., alias, *see* Carpenter, Frank R.
Caryl, R. E.:
citrus fruit growing 287
pruning citrus trees in the Southwest 289
Cascade National Forest:
forest exchange law for adjacent lands 659
purposes and resources 470
Cascade Timber Co., poles 906
Case, F. A.:
chromatic aberration of microscopes 1038
optical coincidence gage 612, 776
Case, N. P., measuring frequencies, method 99, 230
Case Commission Co.:
cotton-seed 1055
cotton-seed meal 979
Case instruction, Navigation Bureau 343, 829
Case Manufacturing Co., paper 181, 816
Casey, George A., tunnel 636
Casey, George E., relief 492
Casey, John J., memorial services 613
Casey & Kansas R. R., stock 704
Cash-on-delivery mail, *see* Collect-on-delivery mail.
Casper, Wyo.:
Chamber of Commerce—
bananas 900
Casper-Alcova irrigation project:
construction of dam, etc., estimate 742
engineering report, etc 811
Casselman, William S., receiver, *v* U. S 162
Cassidy, George L., *v.* United States 819
Cassoff, L. F., Federal Trade Comn. *v* 239
Cast-iron:
blistering phenomena in enameling 16
production of pig iron in 1929 227
rates on—
cast-iron 113
hollow ware 319
standard stock catalogue, pig-iron 1082
Castings:
rates on 113
steel, effect of deoxidation and mold 99, 231
Castle Oil Co., relief 20
Castleberry, Carl F., relief 624
Castleman, R. A., jr., liquids, atomization 775, 964
Castor-oil soap, effect on certain organisms 202
Castration of hogs 211
Casualty Hospital, *see* Eastern Dispensary and Casualty Hospital.
Caswell, Arthur G., 6 months' pay 526, 614
Catalase content of Colorado potato beetle 371, 374
Catalogue Division, Library of Congress 58, 341, 561, 827, 990, 1063
Catalogues:
blank paper and envelopes, G. P. O 1046
Coast and Geodetic Surv. charts, etc 294, 605, 874
Coast Guard store in New York 136, 746
copyright entries 58, 124, 190, 254, 255, 341, 342, 433, 434, 561, 562, 725, 827, 918, 990, 991, 1063
Engineer Corps, Army, supply catalogue 78
Federal standard stock catalogue 73, 135, 136, 201, 269, 270, 360, 361, 452, 453, 579, 580, 581, 744, 745, 847, 848, 932, 933, 1007, 1008, 1081, 1082, 1083
human crania in National Museum 929
Hydrographic Office, etc., charts—
index to station catalogues 257
issued to vessels on Atlantic Station 257
immigration service books and blanks 560
Library of Congress—
publications in braille 59
subject headings, additions, etc 58, 341, 561, 1063
subject headings, supplement 990
library of Surgeon General's Office 856
ordnance catalogue 79, 143, 206, 278, 368, 460, 461, 592, 754, 856, 942, 1014, 1015, 1089
introduction 277
parasites reported for Chiroptera 584
permissable inclosures, 3d-class rate 347

Catalogues—Continued. Page
prints relating to American history 561
public documents—
1921-23, document catalogue 534
1929-30, index to monthly catalogue 535
1930, monthly catalogue 42, 105, 165, 241, 311, 417, 535
1931, monthly catalogue 699, 808, 891, 972, 1047
issued by supt. of documents, list 417
undeliverable, with return postage pledge 997
water colors by Henry Bacon 840
water colors by W. S. Bagdatopoulos 355
Catatonic dementia præcox, *see* Dementia præcox.
Catches for ship doors 301
Cateches, Costas, court case 721
Caton, Gertrude M., relief 20
Cattaraugus County, N. Y., diseases 584, 935
Cattaraugus Reservation, receipts from leases 534
Cattle:
age, determining by teeth 863
anaplasmosis 596
beef cattle—
breeds 84
grade and feeding effect 596
grading up at Sni-a-Bar Farms 372
production on farm 946
silage 213
Virginia industry, economic factors 862
calcium in bones 595, 757
carotenosis of bovine livers 4
Coastal Plain livestock possibilities 282
cooperative concentration point 466
cooperative shipping associations 946
crop and livestock production trends, etc 946
crop and livestock reports 148, 282, 372, 596, 759, 862
dairy cattle—
measurement accuracy 3, 83
nutrient requirements for growth 1019
nutrients used for maintenance 1019
silage 213
feeding cottonseed products 467
feeding wheat to livestock 148
handling during drought 211
importation, to correct act 659, 789
keep stock out of woods, it pays 7
livestock on farms, Jan. 1, 1931 759
production of livestock, recommendations 84
publications—
for sale, on farm animals 165, 972
of Agriculture Department 863
quarantine 83, 209, 281, 595, 1019
rates on 47, 48, 113, 174, 424, 543, 707, 708, 814, 1054
skeletal structure, samples 595, 757
splenetic, etc., fever, to prevent spread 281
stable fly, how to prevent annoyance 1023
standard stock catalogue, live-stock 452
statistics 84
stock poisoning plants—
mountain laurel and sheep laurel 372
St. Johnswort 149
tuberculosis—
appraisement, etc., of cattle destroyed 1019
detection, control, and eradication 372
war map of tuberculosis of livestock 85
vesicular stomatitis 372
warts on cattle 947
see also Bulls—Calves—Cows—Steers—*also* Agricultural credit—Food for cattle—Stock ranges—Stockyards.
Cattle scab and methods of control 596
Cattle-ticks:
carrapato ou gado 923
eradication 148
Caudle, Frederick L., *v.* United States 531, 1042
Caustic poisons, *see* Poisons.
Caustic soda, *see* Soda (caustic).
Cauterization, electric, in laryngeal tuberculosis 76
Cavalry:
marches and camps, extension courses 939
regulations for Officers' Reserve Corps 1087
weapons, extension courses 276
Cavalry School extension courses 276, 458, 939, 1012, 1087
Caveat list of U. S. registered bonds and notes 75, 138, 202, 272, 363, 455, 583, 749, 850, 935, 1009, 1084.

Page

Cavities:
basilar, closure as pneumothorax adjunct.. 585
healing of tuberculous cavities.... 750
tuberculous cavitation.... 140
Cawley, Henry M., 6 months' pay.... 645
Cayuga Canal, chart.... 591
Ceanothus effect on pine plantations.... 210, 286
Ceara Bay, chart.... 126
Cebra, Stephen, alias, *see* Olin, Carlton.
Cecil soils, colloidal materials.... 468
Cedar closet lining, elimination of waste.... 484
Cedar Keys, Fla., chart.... 477
Cedarville Telephone Co., acquisition.... 541
Ceiling (aircraft):
and visibility in United States.... 90
chart for estimating absolute ceiling.... 828
Ceiling balloons, *see* Balloons.
Celanese Corporation of America.... 818
Celery, rates on.... 424
Celestial bodies, *see* Stars.
Cellars, making dry.... 1026
Cellosolve vapors, guinea pig response.... 272
Cells:
chemistry of cell division.... 456, 850
oxygen consumption of living cells.... 851
Celluloid, customs appeal.... 969
Cellulose:
alpha-cellulose content of paper.... 880, 1039
Cement:
magnesium determination, portland cement.... 485, 775
production in 1929.... 1035
rates on.... 174, 175, 543, 703, 901, 1054
standard stock catalogue (3 entries).... 847
wages, etc., in portland cement industry.... 724
X-ray study of portland cement.... 230, 484
Cement-floor compound, rates on.... 543
Cement, Tolenas & Tidewater R. R.... 170
Cemeteries:
prehistoric Santo Domingan.... 840
sites for Indians of Wichita Reservation.634, 680
see also National cemeteries—*also* names of cemeteries.
Census:
15th census, 1930—
coding.... 93 (2 entries), 476
instructions.... 11, 93 (2 entries), 155, 292, 476 (3 entries)
number of persons in each State.... 381
plan of publication of results.... 768
distribution census.... 475, 476, 604, 768 (2 entries), 769, 873 (3 entries), 874, 954
talks on distribution structure.... 382
publications for sale.... 808
see also special subject, e. g. Agriculture.
Census Bureau.... 11, 92, 154, 221, 292, 381, 475, 603, 767, 872, 954, 1029
construction service, establishment.... 666
report, 1930.... 383
Census Committee, House:
hearings.... 792
report.... 623
Census monographs series.... 954
Centipede, house.... 213
Central Aguirre Sugar Co. *v.* U. S.... 804
Central America:
archaeological work....1070
chart.... 437
motion pictures.... 877
northers of Central American region.... 345, 437, 566
pilot, supplements.... 727, 830
see also American republics—Latin America.
Central American waters, pilot chart.... 63, 126, 192, 258, 345, 437, 566, 728, 833, 921, 994, 1068
Central-China Expedition, *see* National Geographic Society's Central-China Expedition.
Central Illinois Public Service Co., coal.... 176
Central Indiana Ry., rates on coal.... 543
Central Life Assurance Society, Mutual.... 983
Central New Jersey Coal Exchange, coal.... 248
Central of Georgia Ry.:
rates on—
bricks.... 1054
lumber.... 320

Central of Georgia Ry.—Continued. Page
rates on—continued.
peaches.... 547
plaster....547, 1057
shingles.... 818
sulphuric acid.... 118
relief.... 19
Central Pacific Ry., validate conveyance.... 655
Central Paint and Varnish Works.... 239
Central Railroad of New Jersey:
equipment trust of 1926.... 246
rates on—
cement.... 901
china-clay.... 814
coal.... 248
coal-tar.... 902
drums, containers.... 709
evaporated milk.... 710
hydrogen peroxid.... 178
wood flour.... 818
reconsignment.... 547
Central Real Estate Co.... 325
Central Shellac Works.... 239
Central States:
ceiling and visibility.... 90
oats in North-Central States.... 471
silver, copper, lead, and zinc in 1929.... 481
Central Union Trust Co. of New York.... 825
Central Vermont Ry.:
rates on—
cotton.... 113
forest products.... 424
Centralia Terminal R. R.:
proposed construction.... 170
proposed stock.... 704
Century of Progress Exposition, 1933:
participation by U. S. Government—
authorization of com. to investigate.... 30
hearing on H. J. Res. 448.... 504
report of com. to investigate.... 443
reports on S. 5625....517, 644
Cerambycidae, rhinotragine beetles.... 265
Ceramic Traffic Association:
ball-clay.... 112
sand.... 118
Ceramics:
moisture expansion of finishes....775, 965
strains between glazes and bodies....17, 98
Cereals, *see* Grain.
Cerebrospinal fever, *see* Meningitis.
Cerri, Angelo, relief.... 19
Certificates, *see* Adjusted service certificates—Certificates of indebtedness—Certificates of mailing—Employment certificates—Marriage certificates—Stock certificates.
Certificates of indebtedness:
Treasury—
1¾ per cent, series TJ2-1931.... 449
1⅞ per cent, series TD-1931.... 449
Certificates of mailing:
to issue—
committee report.... 404
law.... 487
postal regulations.... 924
Certified Dry Mat Corporation, paper.... 181
Cervical plexus, bilateral blocking.... 274
Ceylon, sailing directions.... 920
Chaco Canyon National Monument, lands.509, 529, 783
Chaetophlepsis, new parasitic fly.... 840
Chain banks, *see* Banks and banking.
Chain Products Co., automobile-tire chains.... 706
Chains, automobile-tire, rates on....173, 706
Chairs, rates on.... 543
Chakachamna-Stony region, Alaska.... 537
Chalcid control in alfalfa-seed production....1022
Chalkley, H. W., effect of glutathione on cell division in amoeba proteus....456, 850
Challenge to America's undeveloped resources.1044
Chalmers, Henry, foreign tariffs, etc.... 877
Chalmette, La., battlefield, study, etc..409, 615, 744
Chamber music, *see* Music.
Chamber of Commerce of United States meeting, address by Secretary of Commerce.... 953
Chamberlain, Thomas K., mussels.... 771
Chamberlin, Thomas C., article on.... 353
Chambers, S. W., pyranometer records.... 952

Page

Chambers of commerce, etc.:
Chamber of Commerce of United States 953
chambers of commerce of cities, etc.—
Aberdeen, S. Dak 549
Casper, Wyo 900
Danville, Va 112
Davenport, Iowa 178
Fall River, Mass 904
Greene County, Tenn 901
Kansas City, Mo 48, 707
Lexington, Ky 978
Little Rock, Ark 979
Long Beach, Calif 714
Los Angeles, Calif 114
Lynchburg, Va 908
Mitchell, S. Dak 903
Morristown, Tenn 901
Omaha, Nebr 248
Port Arthur, Tex 711, 904
Salina, Kans 182
Shreveport, La 180, 715
Springfield, Vt 545
Terre Haute, Ind 907
Wichita Falls, Tex 47
commercial associations—
Anniston Traffic Bureau 117, 711
Cairo Association of Commerce 401, 618, 670
El Paso Freight Bureau 1057
Georgia Southern Freight Bureau 712, 714, 1054
Green Bay Association of Commerce 115
Jackson Traffic Bureau 112, 176, 815, 902, 905, 981
Knoxville Freight Bureau 184
Memphis Freight Bureau 715, 979, 980, 1056
Meridian Traffic Bureau 177, 545, 816
New Orleans Joint Traffic Bureau 715
Oshkosh Traffic Association 49
Champ Spring Co. *v.* United States 325, 983
Champion Coated Paper Co., paper 181
Champlain Canal, chart 941
Champlain, Lake, bridge 666
Champlin Refining Co 1004
Chandler, Asa C., nematode worms 841
Chandler, Charles DeF., *v.* United States 305
Chandler Davis Co., oranges 713
Chanquet, Sophie, sale of lands devised 658
Chapel Hill, N. C., Amer. Hist. Assoc. meeting 737
Chapin, Robert M., cattle-fever ticks 148
Chaplain, his place and duties, changes 941
Chaplain School, Army extension course 1087
Chapleau, Alfred, relief 684, 778
Chapman, Homer, soil of Sauk County, Wis 150
Chapple Brothers, automobiles 173
Charcoal:
Federal standard stock catalogue 579
rates on 543
Charcoal briquettes, rates on 543
Charles, Ralph S., British market for electrical appliances 296
Charles, Vera K.:
common mushrooms, how to know them 868
mushroom diseases and their carriers 217
Charles Orangeade Co., Fed. Trade Commission *v* 42, 1046
Charles Runyon, steam tug:
relief of owner 19
Charles Sheldon Wild Life Refuge, order 734
Charleston, S. C.:
charts of harbor 94, 1031
Port Utilities Commission—
demurrage 902
rivers and harbors in district, rp 587
Charleston, W. Va., venereal disease 1086
Charleston & Western Carolina Ry.:
bonds 541
bridge 641, 672, 788
construction and operation 541
control 897
rates on cucumbers 709
v. comnr. of internal revenue 910
Charleston Navy Yard:
commissary store, prices, etc 439
improvement of ways, estimate 744
Charter Shipping Co., Ltd 200
Charts:
aluminum alloy propeller selection 59, 1064
child-feeding 949

Charts—Continued. Page
forest research alinement charts 599
see also Maps and charts—Pilot charts.
Chase, Grant F., trustee, *v.* U. S 805, 985
Chase Bag Co. *v.* U. S 186, 251, 411
Chatfield, Charlotte:
composition of fresh vegetables 470
home baking 376
Chatham Strait, chart 384
Chatkoff, Herman L., relief 524, 614
Chattanooga, Tenn.:
bridge 29
rivers and harbors in district, rp 587
Chattanooga Boiler & Tank Co., tanks 716
Cheatham, R. J., products of cotton-plant 759
Cheboygan Harbor, Mich., chart 368
Check-lists:
criminal statistics, printed reports 828
pages of consular regulations of 1896 198
State publications, monthly 58, 125, 190, 255, 434, 562, 828, 991
index, etc., to v. 20 58
Checking charges, *see* Terminal charges.
Checks:
clearing and collection 104
payment of disbursing officers' checks 72
payment of Government checks 201
Cheek-Neal Coffee Co., tin-plate 184
Cheese:
Neufchâtel and cream, farm manufacture 213
Cheese factory, establishing 150
Chef Menteur, La.:
lands with ruins of old Fort Macomb—
hearings 506
law 615
reports 505, 525
statement 506
Chefuncte River, navigation, etc., rp 78
Chehalis River, chart 1032
Chemical analysis, *see* names of substances analyzed.
Chemical Division 95, 224, 876, 1034
Chemical Foundation, Inc.:
Farbwerke, etc., *v* 121
patent sales, allocation of proceeds 658
Chemical warfare defense, etc 939
Chemical Warfare School:
Army regulations 275
extension course 1088
Chemical Warfare Service:
regulations for Officers' Reserve Corps 1087
technical regulations 853
Chemicals:
development and use in baking 284, 597
eradication of Ribes 950
in—
Czechoslovakia, chemical industry 95
France, industry and trade in 1929 224
Germany, developments, 1930 876
Great Britain, developments, 1930 876
Italy, developments in 1928 and 1929 95
Portugal, industry and trade 1034
newly discovered elements 353
seed treatments for corn, chemical-dust 1025
specifications, etc 582
standard stock catalogue 135
synthetic organic chemicals, 1929 268
see also names of chemicals.
Chemistry, agricultural, publications for sale 165, 890
Chemistry and Soils Bureau 5, 85, 149, 212, 284, 373, 468, 597, 760, 863, 947, 1021
report, 1930 284
Chen, Ta:
labor in China during civil wars (2 entries) 57
labor situation in Korea 341
Cheney, Harriet M.:
feeble-minded and epileptics 1029
prisoners in State, etc., institutions 604
Cheney, S. A., Boston, Mass., district, rp 587
Cheney Weeder Co., wheels 549
Chenoweth, L., coke-oven accidents, 1929 481
Cherbourg, France, chart 192
Cherokee Indians:
claims, Court of Claims to hear 632, 633, 678
disposition of affairs of eastern band 633, 678, 783
rights of citizenship 24

Page
Cherry, lighthouse tender:
specifications 297
Cherry trees, unproductive, in California 147, 216
Chert, rates on 183, 818
Chesapeake & Ohio Ry.:
acquisition 246
demurrage 902
equipment trust, series of 1930 110
rates on—
bricks 707, 978
castings 113
coal 48, 176, 544
cotton-seed meal 979
drag-line machines 424
fruit 545
horseshoes 178
limestone 904
sewer-pipe 183, 321
slate 183
steel 184
tanning extract 250
stock 110, 170
switching charges 118
v. H. E. Martin, etc 930
v. United States, etc 411, 422
Chesapeake & Potomac Telephone Co 358
Chesapeake Bay:
bridge in Maryland 517, 635, 783
charts 12, 477, 875, 1031, 1032
light list 877
offshore waters, biological study 385
pier at Annapolis Roads 392
sport fishing 1033
Chesapeake Bay Bridge Co., bridge 517, 635, 783
Chesapeake Bay States, fisheries, 1929 606
Chesapeake Beach Ry., ferry 170
Chesapeake-Delaware Canal, aviation chart 1067
Chestatee Pyrites & Chemical Corporation 312
Chester & Becket R. R., abandonment 976
Chester soils, colloidal materials 468
Chestnut and Smith, Inc., *v.* U. S 695
Chestnut blight:
article on 287
not end of tannin industry 88
Cheto Cove, chart 770
Chevraux, Eugene W., financial developments in Latin America during 1929 96
Chevrolet Motor Co. of St. Louis 542
Chew, Arthur P.:
Agriculture Department, its growth, etc 152
yearbook of agriculture 946
Chewelah quadrangle, Wash 168
Chewing-gum, rates on 175
Cheyenne Indians, studies 840
Cheyenne River Reservation:
homestead purchase money 509, 615, 691
per capita payments 633
trust period extended 734
Chicago, Ill.:
airway maps 92, 475
Board of Trade—
demurrage 1055
exposition in 1933, U. S. to participate—
authorization of com. to investigate 30
hearing on H. J. Res. 448 504
report of com. to investigate 443
reports on S. 5625 517, 644
First National Bank—
vs. United States 1004
post-office leases, investigation 528
retail trade, census, 1930 475
rivers and harbors, in districts, rps 587
snowstorm, Mar. 25–26, 1930 10
switching charges in Chicago district 1058
wholesale trade, census, 1930 954
Chicago & Alton R. R.:
grain 711
misrouting 546, 1057
rates on—
bags 977
bath-tubs 707
coal 708
iron 115
lettuce 816
paper 425
pulp board 817
sweet potatoes 818
receivers' notes 1052
reconsignment 182

Page
Chicago & Eastern Illinois Ry.:
misrouting 180
rates on—
coal 175, 544, 708, 814, 901 (2 entries)
lime 179
onions 181
refrigerators 715
sand 110
v. United States 427, 1042
Chicago & Erie R. R., rates on lumber 546
Chicago & Illinois Midland Ry., income 168
Chicago & North Western Ry.:
abandonment 541, 704, 976
bonds 246, 317
demurrage 48
equipment trust of 1929 170
misrouting 425, 905
rates 248
rates on—
bananas 706
blackboards 112
bricks 978
caps 113
cattle 47, 543, 1054
cement 543
coal 113, 248
cream 319
electric generating plants 248
furniture 248
iron 49, 904
lumber 905
mattresses 980
metals 116
mop handles 49
peas 181
pipe 906
radio cabinets 1057
salt 715
starch trays 818
switching charges 981
v. commissioner of internal revenue 74
vs. O. N. Lindell 358
Chicago & Western Indiana R. R., bonds 897
Chicago, Burlington & Quincy R. R.:
acquisition 704
rates on—
beverages 174
car-trucks 814
coal 1054
denatured alcohol 900
fence-posts 1055
fire-brick 815
food for poultry 114
furniture 114
glass-cloth 545
hoisting machinery 178
ink 320
linseed-oil 249
pipe 714
power shovels 981
sand 183, 548
sashes 548
shingles 50
straw 549
sugar 716
swine 1058
tallow 982
vinegar 908
wheat 818
wheels 549
switching charges 425, 982
v. United States 235, 427
Chicago Century of Progess Exposition, *see* Century of Progress Exposition, 1933.
Chicago Great Western R. R.:
equipment-trust certificates, series A 317
notes 813, 897
rates on—
corn 113
furniture 248
paving-joints 547
strawberries 50
reconsignment 715
Chicago, Harvard & Geneva Lake Ry 1052
Chicago Heights Terminal Transfer R. R 704
Chicago, Indianapolis & Louisville Ry.:
bonds 170, 704, 976
freight-cars 710

Page

Chicago, Indianapolis & Louisville Ry.—Continued.
rates on—
lumber 905
stone 907
Chicago Junction Rys. *v.* United States 552, 718
Chicago, Kalamazoo & Saginaw Ry.:
acquisition and operation 170
rates on paper 905
Chicago, Milwaukee & St. Paul Ry.:
rates on—
bricks 47
can openers 47
cans 707
hides 178
stone 184
Chicago, Milwaukee, St. Paul & Pacific R. R.:
abandonment 1052
accident at Camp Douglas, Wis 975
bonds 46
Fullerton Lumber Co. *vs* 930
rates on—
beverages 174
cattle 1054
cement 175
coal 902
drums (containers) 710
hollow tile 49
lumber 546
marble 1056
nitrogen seed compound 181
pipe 182
pulp board 117
radiators 249
sand 118
sweet-clover seed 549
stoppage of goods in transit 715
switching charges 908
Chicago, North Shore & Milwaukee R. R 492
Chicago, Peoria & St. Louis R. R 114
Chicago Portrait Co 427
Chicago Railway Equipment Co 52, 268, 325, 427, 576
Chicago, Rock Island & Gulf Ry.:
bonds 110
rates on—
condensed milk 978
oil-well supplies 116
steel bars 715
tanks 908
Chicago, Rock Island & Pacific Ry.:
bonds 46
construction 813
equipment trust, series of 1930 110
rates on—
coal 1054
cores 902
food for cattle 177
garment hangers 545
iron 115, 1056
marble 712
overalls 980
phosphates 714
pipe 117, 182
plate-glass 714
vinegar 50
wheat 549
reconsignment 817
refrigeration 182
securities 46
switching charges 50
v. comnr. of internal revenue 251, 1059
Chicago, St. Paul, Minneapolis & Omaha Ry.:
accident at Camp Douglas, Wis 975
demurrage 709
equipment trust of 1928 certificates 110
rates on—
aquariums 112
boxes 814, 1053
rails 182
switching charges 322
United States *v.* 108
vs. August E. Holmberg 448
Chicago Shipping & Storage Co 429
Chicago, South Shore & South Bend R. R 37, 393
Chicago, Terre Haute & Southeastern Ry 897
Chicago University:
Department of Botany—
heterothallic pathogene of apples 216
Chicago Warehouse & Terminal Co., notes 246

Page

Chicago World's Fair Centennial Celebration, *see* Century of Progress Exposition, 1933.
Chichiriviche, Puerto, chart 832
Chickamauga and Chattanooga National Park 743
Chickasaw Indians:
claim, veto message 734
coal and asphalt deposits, sale 24
Chickens, *see* Poultry.
Chief Coordinator, General Supply, rp., 1930 451
Chihli, birds collected in 265
Child Congress, Pan American, *see* Pan American Child Congress.
Child Health and Protection Conference, *see* White House Conference on Child Health and Protection.
Child health day, proclamation 926
Child hygiene, *see* Children.
Child labor:
employment certificates issued in 1929 559
in New Jersey 559
publications for sale by supt. of docs 699
recommendations of White House Conf 1062
school attendance standards affecting 41
State standards 41
young workers, State, etc., to protect 340
Child management, *see* Children.
Child Research Center, *see* Washington Child Research Center.
Children:
adoption of minors by Crow Indians 633, 678, 783
are you training your child to be happy? 189
child-feeding chart 949
college course in child hygiene 202, 455
education of crippled children 241
education of exceptional children 1047
fares for school children in D. C.—
hearings 408
law 783
reports 408, 620
food for school children in D. C.—
hearings 793
report 628
hearing of school children 75
is your child's birth recorded? 723
of working mothers in Philadelphia 723
publications—
child welfare and hygiene 723
for sale by supt. of documents 240
of Children's Bur., ed. of Jan. 2, 1931 989
ratio of children to women 954
rehabilitation, etc., of handicapped 800
school transportation, cost in Calif 418
schools, etc., for delicate children 242
schools, etc., for subnormal children 241
teachers' guide to child development 418
the whole child, parents' reading course 972
see also Boys—Girls—Infants—*also* Defective and delinquent classes—Juvenile delinquency—*also* headings beginning Child—Children's.
Children's Bureau 189, 340, 432, 559, 723, 916, 989
publications—
edition of Jan. 2, 1931 989
for sale by supt. of documents 240
maternal and infant welfare, etc 723
report, 1930 432
social statistics, collection 254, 341
Children's literature:
forty books for boys and girls 418
Indian and pioneer stories 973
Childs, James B., Govt. document bibliography 434
Chile:
automotive market 296
Conferencia de Serviço Social no Chile 835
el nuevo programa educativo de Chile 346
liquor convention between U. S. and Chile 448
Chile saltpeter, *see* Saltpeter, Chile.
Chili sauce, standard stock catalogue 848
Chilling temperature, effect on sweetpotatoes 1026
Chimneys:
construction 378
wind pressure 160, 303
China:
arbitration treaty with U. S 841
claims for injuries to citizens 574

China—Continued. Page
commercial relations with U. S.—
hearings 162, 233, 800
reports 676
labor during civil wars (2 entries) 57
marketing American leather 225
motion pictures 225
motor roads 1035
see also Chinese.
China-clay, *see* Kaolin.
China Relief Expedition, 1900–01:
pensions, to amend act of June 2, 1930 652
Quartermaster Corps hospitalization, etc.—
report 689
veto message 735
China Sea, chart 258
Chinaware:
Federal standard stock catalogue 1081
plumbing fixtures, waste elimination 17
price list, Army regulations 77
stock catalogue, Coast Guard store 136
see also Ceramics.
Chinch bug, how to fight it 761
Chinese, publications concerning, for sale 417
see also China.
Chinese Literature Division, Library of Congress, accessions, 1929–30 561
Chinook Division, *see* Milk River irrigation project.
Chippewa Indians:
claims of Pillager bands 620, 783
claims to be submitted to Ct. of Cls.—
reports 633, 678
veto message 734
distribution of permanent fund 794
land, sale to Minnesota 510, 522, 617
music 840
payment 499, 521, 616
treaty of Oct. 2, 1863, monument 524, 616
trust period extended—
certain bands 264
Fond du Lac band 837
Red Lake Indians 68
Chippewa River flood control 399, 408, 619
Chipping, lead poisoning from 829
Chiroptera, key catalogue of parasites 584
Chittenden, F. H.:
common cabbage worm and its control 374
melon aphid and its control 598
new species of weevils of genus Lixus 356
Chitto, Bogue, bridge 406, 487
Chitwood, Charles A., relief 19
Chlorides, heat contents in aqueous solutions 964
Chloroplatinate-chloroplatinite electrode 160, 301
Choctaw Indians:
claim, veto message 734
claims against Mississippi Choctaws 633
coal and asphalt deposits, sale 24
Choctawhatchee River, bridge in Florida 24
Cholera, *see* Hog-cholera.
Cholister, George R., Medal of Honor 651, 687
Choptank River, bridge 24
Chornyak, John:
carbon-monoxide asphyxia 1085
methyl chloride poisoning 139
Chosen:
chart 259
labor situation 341
Choteau (or Chouteau), Henry, *v.* comnr. of internal revenue 552, 1079
Chrisler, V. L., sound absorption measurement 230, 391
Christensen, Carl, Asiatic pteridophyta 841
Christensen Machine Co. *v.* U. S. 39, 120, 162, 820, 1042
Christenson, Reed O., Thysanosoma in sheep 757, 862
Christgau, Victor (Representative from Minn.):
reports made by—
Claims Com 492–495, 627
Christianson, Edward, relief 624
Christie, Alfred, milling and baking qualities of wheats 283
Christie, J. R., nemic parasites of coleopterous larvae 861, 950
Christman, R. J., P. I. coast pilot, pt. 2 12
Christmas:
Executive order, holiday Dec. 24, 1930 444
gift shipments abroad 348
gifts for individual, family, or home 296
Christmas mail: Page
cooperation of public 347
delivery to foreign countries, etc 347
organizing for Christmas, instructions 348
precanceled stamps on holiday mail 349
seals or stickers on mail matter 347
Christmas trees as cash crop for farm 948
Christoffers, Harry J., fur seals 223
Christopher, C. F., deoxidation of steel 609
Christopher, W. N., bacterial stripe diseases of sugarcane 147, 148
Christopherson, Charles A. (Representative from S. Dak.):
report made by—
Judiciary Com 643
Chromatic aberration of microscopes 1038
Chrome green, standard stock catalogue 269, 270
Chromic acid, conductivity and density 99, 230
Chromite in 1929 772
Chromium arc and spark spectra, terms 160, 301
Chromium-plated gages, wear resistance 612, 775
Chromium plating, bibliography 772
Chromosomes, behavior in potato 465, 600
Chugach National Forest, Exec. orders 131, 444, 838
Chuh, Anselm, motor roads in China 1035
Church, C. G., ethylene effect on persimmons 757, 864
Church, Claude J., relief 492, 514, 778
Churches:
construction supp. to charitable relief 872
responsibility in times of emergency 872
unemployment a challenge 872
Cibang Cove, chart 875
Cigar holders, production costs 1080
Cigarette holders, production costs 1080
Cigarettes:
Federal standard stock catalogue 452
for consumption beyond jurisdiction of internal-revenue laws 272
manufacturing industry, wages and hours 724
Cigars:
Federal standard stock catalogue 452
for consumption beyond jurisdiction of internal-revenue laws 272
limiting importation packages 34
rates on 1001
Cimarron & Northwestern Ry 170
Cincinnati, Ohio:
encampment of G. A. R., journal 882
rivers and harbors in district, rp 587
unemployment, May, 1930 57
wholesale trade, census, 1930 768
Cincinnati, Georgetown R. R 170
Cincinnati, New Orleans & Texas Pacific Ry.:
accident at Glen Mary, Tenn 45
rates on—
peaches 714
pickles 49
sand 907
Cincinnati Union Terminal Co 246, 317
Cinders, rates on 978
Circuit Courts of Appeals:
discontinue court terms at Atlanta, etc 682
rules of circuit courts for—
4th circuit 251
9th circuit 325
10th circuit 251
see also Judges.
Circulars, *see* names of Departments, bureaus, etc., issuing circulars—*also* subjects.
Circulation of money, *see* Money.
Cities and towns:
building in principal cities—
1929 432
1930 57, 189, 253, 432, 560
1931 826, 917, 989
criminal justice administration, cost 256
employment services, activities 57, 123, 189, 253, 340, 432, 559, 723, 826, 916, 989
family relief, cost 917, 990
farmers' bulletins for residents 88, 1024
financial statistics, 1928 292, 768
health officers, 1930 364, 749
home garden 8
home gardens, community plans and action 927
laundries and their women workers 190
market for oysters 1034
mortality, influenza and pneumonia 203, 583
mortality, summary of 81 cities, 1930 584
notifiable diseases during 1929 138, 272

Cities and towns—Continued. Page
schools—
per capita costs, 1929-30 973
significant movements 241
statistics, 1927-28 241
smoke and heat, effects on temperatures 291
survey, industrial and commercial 877
teachers' associations 892
typhoid fever in Ohio River cities 1085
venereal disease prevalence 139
see also names of cities and towns.
Citizens Bank of Waynesboro 359
Citizens' military training camps 938
Citizens of United States:
employment in Latin America 877
passports in foreign countries 448
protection and registration 266
see also Citizenship.
Citizenship:
cases dealing with 124, 254, 827, 1062, 1063
Cherokee Indians, full citizenship rights 24
Indians, qualifying within 50 years 794
instructions to diplomatic officers 734, 842
oath of allegiance, permit reservations 966
of married women—
consular regulations, art. 10 amended 1000
hearings 632
laws 25, 29, 786, 1078
reports 632, 791
posting notices of petitions 678, 782, 786, 791
publications for sale by supt. of docs 417
regulations governing consular service 266
repatriation certificates for veterans 24
Citrus blast bacterium 147 (2 entries)
Citrus fruit:
boron in irrigation water 88
growing in the Southwest 287
improvement, tree-performance records 600
introduction, quarantine safeguard 377
oil retained by foliage after spraying 3, 147
pectin extracts, homemade, for jelly 376
pruning citrus trees in the Southwest 289
rates on 175, 978
resistance to Pythiacystis gummosis 209, 281
see also names of citrus fruits.
Citrus rust mite and its control 214
Citrus-scab organism, development 1024
Citrus Soap Co. *v.* comnr. of internal revenue 52
Citrus trees, *see* Citrus fruit.
City Button Works 552
City National Bank of Dallas 335
City schools, *see* Schools.
Civil codes, *see* Codes of law.
Civil service:
civil service act and rules 602
eligibility and certification 1028
examinations announced in 1928 and 1929 220
Executive orders amending certain rules 68, 264, 351, 352, 444, 734, 735 (2 entries), 837, 926, 1076
field service positions, specifications 835
general information 91
information in answer to inquiry 291
merit system, application 154
miscellaneous information 10, 380
personnel program for civil service 997
reentry in classified service 10
registers used for D. C. vacancies 444
reinstatement of probationer 837
removals, reductions, suspensions, etc 220
transfers, information concerning 953
transfers, nonapportioned service 351
wage and personnel survey, closing rp 731, 835
see also Civil service pensions—Government officials and employees.
Civil Service Commission 10, 91, 154, 220, 291, 380, 474, 602, 953, 1028
publications, list 220
report, 1930 380
research director, report, 1930 474
useless papers, disposition 530
Civil service pensions:
claims, decisions of Interior Dept 165
title-page and table of cases 417
compilation of retirement laws 100
employees of Panama Canal, etc.—
law 787
reports 502, 680
postal service retirement 66, 128, 262, 998, 1072
report on civil service retirement fund 852
retirement act as amended 291
Civil service retirement and disability fund, *see* Civil service pensions.
Civil strife, convention of American republics 70
Civil War, 1861-65:
commemoration of termination 24
expenses of Baltimore, Md., to settle 681
pensions for soldiers, sailors, widows, etc.—
H. R. 13518 402, 410, 780
H. R. 15930 503, 528, 780
H. R. 16744 642, 689, 780
Civil wars in China, labor during 57
Clackamas County, Oreg., *v.* Southern Pacific 321
Clague, Ewan, technological unemployment 1062
Claiborne County, Miss., soil survey 760
Claims:
against District of Columbia, payment 696, 741
against Navy Dept. for collisions 435, 726
allowed by General Accounting Office 450, 577, 578, 739, 740, 741
approved by War Dept., settlement 515, 626, 664
arrangement between U. S. and Spain 1078
damages to private property, estimates 450, 578, 741
filing against carriers, insert for act 244
foreign Governments, payment 631
insurance and interest on wheat 662, 789
judgments rendered by Court of Claims 412, 427, 552, 718
judgments rendered by District Courts—
lists 427, 552, 718
public vessels act 718
Lake of the Woods level 498, 853
property damaged on Yuma irrig. project 23
railroad (statute of limitations) 794
reimburse Germany for war cls. expenses 29
settlement for property damage, etc 624
settlement of war claims act 232
Treasury administration of alien claims 1007
see also Indemnity—*also* General Claims Commission, U. S. and Mexico—Mixed Claims Commission, U. S. and Germany—Tripartite Claims Commission, U. S., Austria, and Hungary—*also* names of claimants.
Claims Committee, House:
hearing 494
minority views 626
reports 396-397, 491-496, 623-628, 792
Claims Committee, Senate:
reports 36, 514-516, 661-666, 797-799
Clams, *see* Razor-clams.
Claremont, Calif., meeting of Pacific Coast Branch, American Historical Assoc 132
Clark, Austin H., Comatulids 840
Clark, C. F., potato chromosome behavior, etc 465, 600
Clark, Charles A., alias, *see* Peck, Franklin D.
Clark, D. P., news ink and newsprint 971
Clark, Edward H., calisthenic exercises for psychotic patients 585
Clark, Edward J., patent appeal 962
Clark, Frank R., original coal content of Ohio fields 242
Clark, Franklin A., Missouri milk ordinance 1085
Clark, Fred G., Co.:
drums 710
v. United States 52, 887
Clark, G. G., New England floods, etc 107
Clark, J. Allen:
distribution of classes of wheat, U. S 765
winter-wheat, hardiness and yield 377
Clark, J. Bayard (Representative from N. C.):
reports made by—
Claims Com 623, 627
Clark, Linwood L. (Representative from Md.):
reports made by—
Claims Com 495, 623, 625
Clark, Martha B., mineral resources of U. S 96
Clark, Orville E., relief 645
Clark, Taliaferro:
some public health aspects of syphilis 1011
venereal disease clinic in St. Louis 140, 365
venereal diseases in Charleston, W. Va 1086
Clark, William J., relief 684
Clark Fork power-site restoration 196
Clark Fruit Co., strawberries 549
Clark Sesquicentennial Commission, *see* George Rogers Clark Sesquicentennial Commission.

Page
Clark Y airfoils, *see* Airfoils.
Clarke, H. G., emotions 140
Clarke, I. D., home tanning of leather 373
Clarke County, Ga., soil survey 468
Clarke's reference spheroid of 1866 294
Clarkson, Cora G., *v.* United States 235
Classification:
inventions, changes 158, 482
radio subjects, Dewey decimal 391
see also Government officials and employees.
Classification bulletin, Patent Office 773
Classification Division, Library of Congress 341
Classification Division, Patent Office 773
Classification Division, Post Office Dept 129
Classified service, *see* Civil service.
Clatterbuck, Guy, relief 624, 662
Clawson, A. B.:
laurels as stock-poisoning plants 372
toxic effect of St. Johnswort on cattle 149
Clay, Harold F., statistics of crops 84
Clay:
production in 1929 297
publications for sale 891
rates on 175, 708, 818, 901
see also Ball-clay—Fire-clay—Kaolin.
Clay County, Kans., soil survey 597
Clay County, Nebr., soil survey 760
Clay pigeons, rates on 814
Clay Products, Inc., *v.* United States 910
Clayton, Benjamin:
cotton 424
v. United States 305, 1059
Clayton, M. D., malingering 585
Cle Elum Dam, specifications, etc 1049
Cleaning:
cleaning materials 232
ordnance material, nomenclature list 278
specifications, etc., for cleaners 137, 363, 748, 1009
stock catalogue, cleaning compounds 135
Clear Lake area, Calif., soil survey 1021
Clear Sight Spectacle Co 164
Clearwater National Forest, transfer of lands 1000
Cleary, Francis J., relief 687
Clerk of House, *see* House of Representatives.
Clerks:
in foreign service, grading, etc 620, 784
law clerks to circuit judges 24
of District Cts., bring suit on bonds 682
pulse rate of group, readings 456, 851
see also Government officials and employees—*also* names of Departments, bureaus, etc.
Cleveland, Ohio:
airway map 11
American Bankers Assoc. convention 263
retail trade, census, 1930 873
Cleveland & Pittsburgh R. R., bonds 247, 318
Cleveland, Cincinnati, Chicago & St. Louis Ry.:
abandonment 897
bonds 704, 897
misrouting 713
rates on—
boilers 900
bottles 47
bricks 174, 543
coal 175, 176, 319, 901
cucumbers 709
dredging machinery 544
furniture 177
grain 178
hides 178
lithopone 712
oil-well machinery 816
peanuts 547
petroleum 117
potatoes 1057
Cleveland National Forest 510, 529, 618
Cleveland Wire Spring Co., bins 174
Clicquot Club Co 970
Clifford, Charles E., Co., Inc., marble 320
Clifford, Paul A., tenderness of canned goods 866
Climate:
and migrations 354
charts for Allegheny forest region 870
climatological data—
calendar year, 1930 951
monthly data 90, 219, 290, 379, 472, 601, 765, 952, 1027
Climate—Continued. Page
conditions in Louisiana Purchase, 1804–05 290
cooperative work 601
cycles 290
late Tertiary climatic changes, Oreg 473
not a specific for tuberculosis 937
of Liberia 219
reading list on Canadian climate 156
Climatology, *see* Climate.
Clinger, W. F., swine 184
Clinical bulletin, Veterans' Bureau 365
Clinics, venereal disease, data 140, 365
Clinton, Frank B., coal 175
Clinton & Oklahoma Western R. R., bond 897
Clinton Mutual Telephone Co., acquisition 318
Clinton-Oklahoma-Western R. R. of Texas 1052
Clopton, Belle, relief 19
Close, C. P., permanent fruit, etc., gardens 377
Closet lining, aromatic red cedar 484
Clothes-moths:
control 150, 1022
in upholstered furniture 598
Clothing:
boys' blouses, etc., commercial standard 964
ensembles for sunny days 7
play suits for winter 216
rates on 424
score cards for judging selection, etc 867
specifications, etc 747
standard stock catalogue 135, 1081
suits for small boy 470
Clouds and haze, pyranometer records 952
Clover, Va., bridge 519, 641, 788
Clover:
anthracnose cause of red clover failure 949
harvesting in corn belt with combines 1020
rates on clover seed 901
rates on sweet-clover seed 549
sweet-clover in corn belt farming 467
Cloverdale Spring Co., ginger-ale 1056
Clow, Bertha, canned sauerkraut 3, 83
Clupea pallasii, contribution to biology 13
Clyde, George D., precipitation in Utah 1027
Clyde Steamship Co 713
Cnemidophorus genus, Teiid lizards 928
Coal:
activated carbon from various coals 387
agglutinating, coking, and by-product tests 1035
anthracite—
industry of Soviet Russia 796, 931
Pennsylvania anthracite in 1929 772
prohibition upon importation 34
bibliography of Mines Bur. investigations 609
bituminous, overdevelopment in industry 724, 826
bituminous, simplification of sizes, etc 230
deposits in Choctaw, etc., lands, sale 24
Federal standard stock catalogue 579
oxidizability and composition 1035
questions and answers for fireman 226
rates on 48, 113, 175, 248, 319, 543, 544, 708, 709, 814, 901, 902, 978, 1054
reparation on intrastate traffic, Okla 175
resources of Meeker quadrangle, Colo 106
stabilization of industry 796
Washington coals, analysis 772
world industry 479
Wyoming coals, analysis 609
see also Coal fields—Coal mines and mining—Coke.
Coal fields:
in—
Alaska, withdrawal of lands 837
New Mexico, restoration 927
Washington State 772
Wyoming 609
labor in Soviet Russia 796
of United States, general introduction, etc 242
see also names of coal fields.
Coal mines and mining:
economics of strip coal mining 609
correction of author's initial 756
explosives accidents, anthracite mines 773
gases, information for vocat. training use 1044
labor productivity, analysis 432, 826
methods of mining in Washington 772
methods of mining in Wyoming 609
safety organizations in Alabama 609
timbering regulations in Pa., etc 388

Page
Coal-tar, rates on 176, 902
Coal-tar pitch, rates on 709
Coarse-aggregate, stock catalogue 1008
Coast and Geodetic Survey 12, 93, 155, 222, 294, 384, 477, 604, 769, 874, 959, 1031
bulletin 12, 93, 155, 223, 294, 384, 477, 604, 769, 874, 959, 1031
charts, index to H. O. station catalogues 257
charts, pilots, etc., catalogues 294, 605, 874
publications on (lists)—
geodesy 93
terrestrial magnetism 93
tides and currents 12, 384, 874, 959
report, 1930 384
see also Pay, Coast and Geodetic Survey.
Coast artillery, *see* Artillery—Coast Artillery Corps.
Coast Artillery Corps, regulations 77, 204, 752
Coast defense:
acquisition of land 645
coast artillery training 77
Coast Guard 73, 136, 201, 270, 361, 453, 581, 746, 848, 933, 1008, 1083
buildings on Government Island—
estimate 740
hearings 653
law 784
report 653, 690
cadetships, appointments 270
circular 73, 136, 201, 933
circular letter, reprints 201
communication instructions 848, 1083
communication plants, storage batteries 362
courts and boards, amendments 270
disbursing offices, accounting system 136
enlistment and promotion, information 201
order, special 1008
orders, general 73, 271, 453, 933
ordnance instructions, amendment 453
patrol boat, specifications 453
pension laws, apply to Coast Guard 24
personnel instructions 848
publications, Government 1047
register of officers, cadets, etc., 1931 848
regulations, 1930 361, 362, 453, 581, 746, 848
report, 1930 453
store in New York, stock catalogue 136, 746
supply instructions, amendments 73, 271, 581, 1008
supply instructions, circular 73, 746, 933
telephone instructions, amendments 577
uniforms, regulations governing 362
venereal disease among personnel 456, 851, 1085
see also Pay, Coast Guard—Retired list, Coast Guard.
Coast Guard Academy, New London:
construction expenses, reimbursement 450
regulations, 1927, reprint of portion 74
Coast Guard cutters:
construction of vessels for rescue work 666, 783
painting instructions 848
register, 1931 848
Coast Guard stations:
at Lake Worth Inlet, to establish 407, 617
register, 1931 848
Coast pilots:
catalogues 294, 605, 874
inside route, supplements 223, 384
see also Atlantic Coast—Gulf Coast—Pacific Coast—*also* names of specific localities, e. g. Philippine Islands.
Coastal Plain, *see* Atlantic States—Gulf States.
Coasts, publications for sale by supt. of docs 105
Cobalt in 1929 387
Cobb, John N., Pacific salmon fisheries 385
Cobb, W. B., soil survey of Watauga Co., N. C. 761
Coblentz, W. W., ultra-violet solar radiation 1038
Coca Cola Bottling Co. of Los Angeles 15
Coccophagus, revision of species 840
Cochran, Emmett, *vs.* Louisiana Education Bd 359
Cochran, H. Merle, Paris Bourse 157
Cochran, Thomas C. (Representative from Pa.):
reports made by—
Military Affairs Com 403, 505–506, 645, 647–650
Cock fights in Canal Zone 640
Cockerill, H. W., cattle 174
Cockle, Pacific, age and growth 770
Cockroaches 150

Page
Cocoa, rates on 902
Coconut, standard stock catalogue 745
Coconut-oil, rates on 176
Cod off New England, life history 156
Code, *see* Codes of law—*also* special subject.
Codes of law:
District of Columbia 101
Panama Canal Zone—
civil code, to amend 639
civil procedure, new code 640
criminal procedure, to amend code 640
penal code, to amend 640
revision, amendments 457
revision, progress made 140
United States—
Note.—Below are listed only those entries in which the Code is mentioned in the title.
amending title 5 (employees in field services) 25
amending title 25 (Indian lands) 679
amending title 26 (internal revenue stamps) 676, 788, 791
amending title 28 (District Courts) 24, 682
amending title 30 (leasing act) 28, 655, 692, 787, 885
penal code, certain employees excepted 643
repeal of obsolete statutes, etc 38, 392
supplement 4 613
Codling-moths, control in Pacific Northwest 865
Codman, Catherine A., court case 910
Codman & Shurtleff, Inc 968
Coe, Sarah A., relief 624, 662
Coeur d'Alene, Idaho, relinquishment by U. S. of lands 509
Coffee, Henry D., sarcoma of stomach 76
Coffee, world's exports 480
Coffman, F. A.:
covered-smut infection in oats 210, 288
fall-sown oat production 288
oats in North-Central States 471
oats in Northeastern States 764
Cogar, Genevieve H., exrx., court case 426
Cognizance of material 563, 564
Cogswell, Leander A., patent appeal 482
Cohen, Barnett, oxidation-reduction studies 851
Cohen, Goldman & Co., Inc 552
Cohn & Rosenberger, Inc., jewelry 806
Coinage, Weights, and Measures Committee, House:
hearings 496, 628
reports 397, 628
Coins:
information relating to U. S. coins 583, 935
test of coinage, 1930 1009
see also Money—*also* names of coins.
Coir, rates on 814
Coke:
and by-products in 1928 14
Federal standard stock catalogue 579, 580
rates on 176
Coke-oven accidents, 1929 481
Cold, artificial 354
Cold-storage:
holdings, 1929 759
publications for sale by supt. of docs 165, 972
Coldwater quadrangle, Mo 167
Cole, Harold N.:
bismuth in treatment of syphilis 937, 1086
cutaneous, etc., relapse in syphilis 852, 1011
Cole, J. R., pecan leaf blotch 471
Coleman, D. A., milling and baking qualities of wheats 283
Coleman, Louise M., tobacco and its markets 961
Coleoptera, *see* Beetles.
Coler, Eugene S., can congenital syphilis be prevented? 76, 139, 141
Coles, E. H., wheat yield and soil moisture 209, 282
Colgate-Palmolive-Peet Co.:
soap 548
vaseline 119
Colitis, atonic, as complication 585
Collect-on-delivery mail:
claims, etc., for death of chicks 66
demurrage on domestic mail 66, 731
fees for inquiries 410
service with Hungary 568, 924
tags must be legibly completed 442
undelivered, form of notice to senders 348
undelivered, parcels to be abandoned 348

Page

Collections, *see* special subject.
Collective agreements:
holiday observance 124
union members doing work on own account 189
Collectors, prohibiting from Commerce Dept. bldgs 220
College Park, Md.:
mining experiment station—
hearing 883
law 786
reports 525, 650
Colleges and Professional Schools Division 418
Colleges and universities:
accredited higher institutions, 1929–30 418
biennial survey of education, 1928–30 1048
child hygiene, college course 202, 455
directory, 1931 700
extension helps in adult education 105
higher education 241
honor system and academic honesty, bibl 700
intelligent planning 872
sound management and public good 872
statistics, 1927–28 241
see also Agricultural colleges—Junior colleges—Land-grant colleges—Teachers colleges—*also* names of colleges and universities.
Collenger, Phil, *v.* United States 325
Colley, Reginald H., loblolly pine 209, 217
Collie, Ruffin, *vs.* J. S. Darling & Son 359
Collier, Arthur J., Kevin-Sunburst oil field 106
Collin County National Bank 325
Collings-Taylor Co., *see* Taylor-Lockwood Co.
Collins, Benjamin J.:
Ctenocephalides, new genus of fleas 138
nomenclature of Nycteribia, etc 584
Collins, Elmer B., position tables 993
Collins, Henry B., jr., ancient culture of St. Lawrence Island 840
Collins, Selwyn D.:
age incidence, communicable diseases 584, 935
influenza and pneumonia mortality 203, 583
venereal disease prevalence 139
Collisions, *see* Collisions at sea—Railroad accidents.
Collisions at sea, case instruction 829
Colloids:
adsorption of anions of acid dyes 209, 212
character in profiles of soil groups 468
variations of material in soils 468
Colmer-Green Lumber Co 427, 910
Colom, José L.:
Inter-American Conference on Agriculture 440
same (in Portuguese, PA1.37:p5) 567
same (in Spanish, PA1.37:s6) 834
Colombo Harbor, chart 62
Colon, Asuncion Serrano, *see* Serrano Colon, Asuncion.
Colón, Cristóval:
Biblioteca Conmemorativa de Colón 923
Colon bacillus, *see* Bacillus coli.
Colon Harbor, chart 12
Colonial Iron Co., iron ores 320
Colonial National Monument:
act for creation 24
amendment of above act 654, 691, 783
estimate 579
proclamation 570
Colonial Trust Co., exr 804, 968
Colony Coal & Coke Corporation 1059
Color:
for school furniture 161
temperature, filters for determination 775
temperature measurements, precision 302, 484
Colorado:
Arizona *v.* (waters of Colo. R.) 550, 819, 1004
census, 1930—
agriculture 954, 1029
population 382, 954
unemployment 954
goat-antelope in Pleistocene 446
gold, silver, copper, etc., 1928 226
lands—
adjacent to nat. forests, exchange 654
grant for Colorado School of Mines 654
withdrawal for classification 196
withdrawal for resurvey 68, 570, 1074
withdrawal for resurvey, revocation 130, 351, 444, 570, 926
withdrawal in aid of legislation 734

Page

Colorado—Continued.
petroleum restoration no. 59 264
postal service—
mail routes, schedules 262, 443, 732, 925, 1073
post route map 733
power-site restoration no. 462 1074
public water reserve 926
public water restorations 67, 351
Rio Grande compact with N. Mex. and Tex 28
Senatorial campaign expenditures 803
Colorado Agricultural Experiment Station:
soil survey of Arkansas Valley 863
volume and tonnage of haystacks 1020
Colorado & Southern Ry.:
abandonment 247, 1052
bonds 171
Colorado Animal By-Products Co., tallow 982
Colorado Condensed Milk Co. *v.* U. S 307
Colorado Continental Lumber Co 235
Colorado potato beetle 371, 374
Colorado River:
protection of Palo Verde Valley 642, 795
quality of water, 1926–28 107
surface water supply of basin 537
suspended matter, 1925–28 107
utilization, list of references, etc 133
Colorado School of Mines, lands 654
Colored people, *see* Negroes.
Colorimetry, ergot alkaloids 272
Colors, *see* Color—Pigments.
Coltexo Corporation:
machinery 180
misrouting 547
Colton, Andrew J., trustee, *v.* U. S 305
Colton, Don B. (Representative from Utah):
reports made by—
Public Lands Com 404, 509–510, 655
Roads Com 655
Colton, W. A., primary carcinoma of lung 274
Colts, William H., District of Columbia *vs* 449
Colts, *see* Horses.
Columbia, S. C., *see* Federal Intermediate Credit Bank of Columbia.
Columbia Arsenal, sale of property 24
Columbia Casualty Co., relief 514, 624
Columbia Institution for the Deaf 312
report, 1930 312
Columbia Military Academy 24
Columbia River:
basin, surface water supply 43
bridges in—
Oregon 24, 400, 616, 635, 666, 783
Washington 24
charts 94, 605, 1032
irrigation requirements of basin 218
light list 878
Columbia Steel & Shafting Co 305, 983
Columbia University:
Teachers College—
schools of Panama Canal Zone 440
sterilization methods, study 1086
Columbus, Christopher:
Biblioteca Conmemorativa de Colón 923
Columbus, Ohio, address by U. S. Grant 3d 1041
Columbus & Greenville Ry.:
rates on coal 48
vs. W. J. Miller 1004
Columbus Brick & Tile Co., bricks 1054
Columns:
jointed steel, compressive tests 612, 775
rates on 709
subway, compressive tests of bases 160, 301
Colville National Forest 867
Colville Reservation, lands 522
Colwell, N. P., medical education 241
Comatulids, superfamily Comasterida 840
Combat, infantry, Army extension courses 366, 1088
Combinations, *see* Cartels—Trusts.
Combines, harvesting small grain 1020
Combustion heats of methane and carbon monoxide 485, 776
Comer, W. D., bridge 24
Command and General Staff School 1088
Commerce:
aircraft for use in foreign commerce 635, 666
commerce reports 13, 95, 157, 224, 296, 386, 480, 607, 771, 876, 960, 1035
indexes, etc 157, 480, 876, 1035

Page

Commerce—Continued,
commercial series 308
domestic commerce series 225, 386, 607, 608, 876, 877
foreign commerce and navigation, 1929 224
foreign tariffs and trade control 877
foreign trade of United States—
1929–30, fiscal year 157
1930, calendar year 876
foreign trade promotion service 960
intercoastal traffic—
calendar year, 1929 197
calendar year, 1930 572
quarterly reports 264, 353, 839, 1076
interstate commerce acts, compilation 245
monthly summary of foreign commerce of United States 13, 95, 157, 224, 296, 386, 480, 607, 771, 876, 960, 1034
Pan American Union series—
foreign trade series 65, 128, 193, 194, 260, 440, 730, 923
serie sobre finanças, industria, commercio 65, 260, 347, 567, 996
serie sobre finanzas, industria y comercio 260, 347, 730, 996, 1071
publications for sale by supt. of docs 240
trade information bulletin 13, 95, 96, 156, 157, 224, 225, 296, 297, 386, 479, 480, 607, 608, 771, 772, 876, 877, 960, 961, 1034, 1035.
trade promotion series 157, 225, 226, 296, 297, 385, 479, 480, 608, 771, 772, 876, 877, 960, 961, 1035.
trade routes as of Jan. 1, 1930, map 69
water borne commerce—
calendar year, 1929 197
fiscal year, 1929 197
report of chief of engineers, 1929 459, 591
summary of foreign commerce 197, 352, 571, 838, 1076
volume of foreign commerce, 1929 131
yearbook, 1930 157, 480
see also Foreign and Domestic Commerce Bureau—Imports and exports—Shipping—*also* certain headings beginning Commercial—*also* names of articles of commerce and names of countries, etc.
Commerce and Industry Bureau of Porto Rico 857
Commerce Bight, chart 832
Commerce Committee, Senate:
calendar 102, 406, 517, 666, 800
hearings 37, 407, 516–517, 666, 671, 800
reports 36–37, 102, 406–408, 516–519, 666–673, 799–800
Commerce Department 10, 91, 154, 220, 292, 380, 474, 603, 767, 871, 953, 1028
appropriations, 1932—
hearings 490, 513
law 788
minority views 491
reports 491, 513, 621
aviation charts, index 438, 566, 1068, 1069
labor in coal fields of Soviet Russia 796
pay and allowances for men on vessels 635, 666, 783
prohibiting collectors, etc., from bldgs 220
publications—
available for distribution 963
supplement to annual list 16, 98, 160, 229, 301, 390, 483, 611, 774, 880, 1037
report, 1930 381
services to metal, etc., industries 381
useless papers 694
see also Lamont, Robert P.
Commerce reports, *see* Commerce.
Commercial associations, *see* Chambers of commerce, etc—*also* names of associations.
Commercial aviation, *see* Aeronautics.
Commercial Coal Co 496, 614
Commercial Conference, Pan American, *see* Pan American Commercial Conference.
Commercial education:
article on 241
statistics of private schools, 1928–29 165
Commercial Exchange of Philadelphia 720, 721, 896, 1005

Page

Commercial Intelligence Division 876
Commercial law, of Peru 157
Commercial Laws Division 157, 771, 960
Commercial Loan & Trust Co 624, 662, 778
Commercial products:
Australia as market for American goods 771
not conforming to samples, etc 454
reappraisement—
case of Jacob P. Steffan 308
index to reappraisement circulars 747
reappraisements of merchandise, weekly 74, 137, 201, 271, 362, 454, 582, 747, 849, 889, 1044
wholesale prices of commodities 57, 124, 190, 254, 341, 433, 560, 725, 826, 917, 990, 1062
see also Imports and exports.
Commercial protection, *see* Patents—Trademarks.
Commercial radio stations, *see* Radio stations.
Commercial schools, *see* Commercial education.
Commercial standards:
commercial standard series 17, 160, 231, 301, 302, 390, 484, 485, 881, 964, 965
commercial standards monthly 17, 98, 160, 230, 301, 390, 484, 612, 775, 880, 964, 1038
Federal standard stock catalogue 1082
Commercial Station Post Office, Inc 968
Commercial surveys:
city survey, suggestions for outline 877
of Gulf Southwest 607, 877
of Pacific Southwest 225
Commercial treaties:
most-favored-nation treatment—
Egypt 199
Rumania 266
with Salvador 447
with Turkish Republic 133
Commissary stewards, Navy training courses 343
Commission, *see* name of commission.
Commission on Licensure to Practice the Healing Art in District of Columbia 392
report, 1930 392
Commissioners:
Court of Claims—
amending, etc., act for appointment 24
rules of procedure 969
District of Columbia—
relieving of certain duties 408, 628
report, 1930 413
settlement of claims, estimate 696
to close useless, etc., streets 497, 520
Porto Rico, to amend organic act—
hearing 530
report 530
shipping, position in classified service 264
Commissions:
Federal, created from Sept. 1901–Mar. 1929 58
see also names of commissions.
Committees:
Federal, created from Sept. 1901–Mar. 1929 58
House of Representatives, expenses 393, 394, 395
see also names of committees.
Commodities, *see* Commercial products.
Common carriers, *see* Carriers.
Common Metals Division 227, 298
Communicable diseases, *see* Contagious diseases.
Communication, instructions for Coast Guard 848, 1083
see also Military communication—*also* various methods of communication, e. g. Telegraph.
Communications Office, Navy Dept., *see* Naval Communication Service.
Communist Propaganda in United States, Special Committee to Investigate, House:
hearings 397–398, 496, 628
report 496
Communist Republics, Union of, *see* Union of Soviet Socialist Republics.
Communists:
exclusion, etc., of alien communists 632
investigation of propaganda—
hearings 397, 398, 496, 628
report 496
views of Mr. Nelson 496
Communities, *see* Cities and towns.
Community cotton production 1025
Community income, *see* Income tax.

Page

Community Natural Gas Co., gas-meters 48
Compagnie Française de Navigation a Vapeur. 353
Companies, *see* Corporations—Public utility companies—*also* names of companies.
Compass:
Army nomenclature list 460
in Lake region 1013
publications for sale by supt. of docs 105
Compensation, *see* Employers' liability and workmen's compensation—Indemnity—Pensions—Salaries—Wages—*also* certain headings beginning Pay.
Compensation Commission, *see* Employees' Compensation Commission.
Compere, Harold, Coccophagus 840
Comprehensive index, *see* Document catalogue.
Compressed gas cylinders, handling, etc 204
Compressed Paper Box Company, *see* Yalelms Corporation.
Compressibility, etc., of petroleum oils 302, 486
Compton, Arthur H., what is light? 354
Compton quadrangle, Calif 701
Comptroller general, *see* General Accounting Office.
Comptroller of Currency 74, 136, 201, 271, 362, 454, 581, 747, 849, 933, 1008, 1083
report, Dec. 1930 582, 1083
Comptrollers of Customs, Conference of, *see* Conference of Comptrollers of Customs.
Comptroller's Office, Post Office Dept., *see* Accounts Bureau, Post Office Dept.
Compulsory education, standards affecting employment of minors 41
Computing machines, specifications, etc 747
Comstock, Lulu M., per capita costs in city schools, 1929–30 973
Comstock, Rose L., relief 19
Conant, Harold, *vs.* United States 200
Conchostraca order of Cambrian Crustacea 928
Conciliation (industrial):
work of Labor Dept 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
Conciliation (international relations):
conciliación y arbitraje en América 996
treaties with—
Belgium 198
Estonia 70
Latvia 133
Luxemburg 198
Concrete:
farm construction 153
plain, for farm use 289
publications for sale by supt. of docs 891
structural use, Agric. Dept. publications 153
Concrete Engineering Co.:
iron 424, 815
misrouting 49
steel bars 715
Concurrent resolutions, *see* Resolutions.
Condemnation of land, *see* Eminent domain.
Condensed milk, *see* Milk.
Conduit across E and F sts. sw. in D. C 628, 673, 783
Confectioners Club of Baltimore, Md 120
Confectionery:
distribution cost problems 960
distribution in U. S., 1927–29 386
rates on candy 978
standard stock catalogue, candy 1082
Confederate Stockade Cemetery, Johnstons Is 524, 616
Confederates:
hospital, etc., facilities to veterans 645
officers of Confederate States navy 1066
see also United Confederate Veterans.
Conference, *see* name of conference, or name of place where held—*also* special subject.
Conference Committees:
reports 30–31, 393–394, 488, 619–621, 790–791
reports, immediate consideration 34
Conference for limitation of naval armament, *see* Disarmament.
Conference of Administrative Officers of Customs Service, proceedings 271

Page

Conference of Appraisers, Assistant Appraisers, and Other Customs Officials, report, 1930 271
Conference of Comptrollers of Customs, report, Apr. 3, 1930 271
Conference of State and Provincial Health Authorities of North America, rpt. on milk 1085
Conference of Supervisors of Southern States 106
Conference on Limitation of Manufacture of Narcotic Drugs, *see* Narcotics.
Conference on Rural School Supervision in Southern States, *see* Conference of Supervisors of Southern States.
Conference series, Pan American Union, *see* Congress and conference series.
Conference series, State Dept 71, 267, 1002, 1078
Conferences, *see* names of conferences or places where held—*also* special subject.
Congenital syphillis, *see* Syphilis.
Congress, *see* name of congress.
Congress and conference series 440, 996
same (Portuguese) 567
same (Spanish) 347, 834, 996
Congress of United States 18, 100, 161, 232 303, 392, 486, 613, 777, 881, 966, 1040
Congressional directory—
71st Cong. 3d sess 303, 487, 881
correction of compiler's initial 464
Congressional record—
71st Cong. 2d sess., bound vols 18, 161, 232
71st Cong. 2d sess., bound vols., index 232
71st Cong. 2d sess., daily 18
71st Cong. 2d sess., daily, index 18
71st Cong. 3d sess., bound vols 777, 966
71st Cong. 3d sess., bound vols., index 1040
71st Cong. 3d sess., daily 392, 486, 613, 777, 881
corrections for entry on p. 392 464
71st Cong. 3d sess., daily, index 392, 487, 613, 777
corrections for entry on p. 392 464
71st Cong. special sess. of Senate 18, 232
Members, franking files 404, 528, 790
officers and employees, payment of Dec. 1930, salaries 393
reports to be made to 71st Congress 394
time of assembling—
hearing 656
reports 630, 656
see also House of Representatives—Senate—*also* names of committees—*also* subjects of bills and resolutions.
Congressional committees, *see* Committees.
Congressional Country Club 305, 910
Congressional directory, *see* Congress of United States.
Congressional documents:
71st Cong. 1st and 2d sess.—
index and schedule of volumes 808, 972
preliminary schedule of volumes 240
see also Government publications—*also* subject of document.
Congressional Elections, Select Committee to Investigate, House:
report 398
Congressional Library, *see* Library of Congress.
Congressional Medal of Honor, award 651, 687
Congressional record, *see* Congress of United States.
Congressmen, *see* House of Representatives—Senate—*also* names of Senators and Representatives.
Conidial fructifications in Balansia, etc 465, 471
Coniferous seeds, germination loss 595, 764
Conkright, John S., relief 684, 778
Conn, W. T., preservatives for fishing nets 875
Connally, Tom (Senator from Tex.):
report made by—
Finance Com 676
Connecticut:
census, 1930—
agriculture 475
population 221, 954, 955
unemployment 955
Federal aid highway system progress map 378
Fort Griswold tract 646, 784
mail routes, schedule 130
post route map 733

Page
Connecticut—Continued.
v. Massachusetts 844
v. Pennsylvania R. R. 1057
Connecticut River, bridge in Mass. 635, 667, 783
Connecting Railway, bonds 704, 897
Connecting Terminal Railroad, control 897
Connelly, P. F., Paving Co., conveyance of land 19
Conner, S. D.:
management of Hancock Co., Ind., soils 149
management of Putnam Co., Ind., soils 6
Conner, William H., inexpensive scotometer 585
Conover, Courtney, Alfred Wohl v. 1022
Conrad & Co., Inc. 910
Conrey, G. W., soil of Muskingum Co., Ohio 86
Conscription, treaty with Norway 841
Conservation:
publications for sale 165
Conservation and Administration of Public Domain Committee, *see* Public Domain, Committee on Conservation and Administration of.
Conservation and Development Department of New Jersey:
soil surveys—
Bergen area 597
Camden area 864
Conservation of Wild Life Resources, Special Committee on, Senate, *see* Wild Life Resources, Special Committee on, Senate.
Consistometer, new 17, 98
Consolidated Cement Corporation 175
Consolidated Chippewa Agency, obligations of former superintendent 523, 615
Consolidated Coppermines Corporation 710, 1055
Consolidated index, *see* Congressional documents.
Consolidated Kansas City Smelting & Refining Co., ores 40
Consolidated Mining and Smelting Co., Trail Smelter reference 133, 267, 268
Consolidated Paper Co., boxes 900
Consolidated schools, *see* Rural schools—Schools.
Constitution avenue, District of Columbia:
name of B street nw. changed—
hearing 629
law 790
reports 620, 630, 674
Constitution of United States:
proposed amendments—
apportionment of Representatives 643
equal rights for men and women 801
making war legally impossible 38
prohibition 233
term of office of President, etc., hearing 656
term of office of President, etc., reports 630, 656
ratification by States 512
Construction, *see* Building.
Construction and Repair Bureau 60, 342, 435, 726
general information bulletin 342
report, 1930 435, 828, 829
Construction loan fund, rate of interest 617
Consular officers, *see* Consuls.
Consular regulations, *see* Consuls.
Consular reports, *see* Commerce.
Consular service, *see* Consuls—Foreign service.
Consuls:
fees, tariff 1002
instructions, general 266, 574
mailing list, June 1, 1931 1078
regulations for consular service—
amendments, Executive orders 130, 570, 1000
check list of pages 198
citizenship, protection, etc. 266
functions and use of regulations 70
immigration and quarantine 356, 1078
inventory of property 351
reprints of certain pages 71, 1002
title-page 356
treaty between U. S. and El Salvador 447
see also Foreign service.
Consumers' cooperative societies 254, 826
Contact problems in veterans' hospitals 853
Contagious diseases:
control, Army extension course 204, 586
prevalence in cities, 1929 138, 272
prevalence in States, 1929 583, 584
rural population, age incidence 584, 935
see also names of diseases.

Page
Containers:
beverage containers, rates on 173
freight container service, I. C. C. opinion 978
secondhand wooden, practical uses 11
see also names of containers, e. g. Boxes.
Contemporary Paintings, Pan American Exhibition, *see* Baltimore Pan American Exhibition of Contemporary Paintings.
Contested elections:
House of Representatives, Updike v. Ludlow 398, 497
Senate, Heflin v. Bankhead 659
Continental Gin Co. 1055
Continental Illinois Bank & Trust Co. 120
Continental Paper & Bag Mills Corporation 116
Continental Products Co. v. U. S. 306, 820
Continental Steel Corporation:
iron 545
wire 119
Continental Tie and Lumber Co. 552
Contractors' outfits, rates on 902
Contracts, *see* Government contracts—Mail contracts.
Contributions from national herbarium 841
title-page, contents, etc., for v. 24 841
Convection, heat losses at water surface 10
Conventions, *see* names of bodies holding conventions; or, when not held by any named body, *see* name of convention, if distinctive, otherwise name of place of meeting—*also* special subject.
Conventions and treaties, *see* Treaties.
Conversion tables:
for florin 348
for Swiss franc 348
Convict labor:
goods produced by, importation prohibited—
hearings 658, 676
report 658
Convicts, *see* Convict labor—Crime and criminals—Prisoners.
Convulsive seizures 1011
Conway, Helen, compensation 492
Conway, Herman M., beef-cattle industry 862
Conway, James P., compensation of widow 492
Cook, Clinton, *vs.* J. S. Darling & Son 359
Cook, George H., fair exhibits give farm information 87
Cook, Katherine M., rural education 241
Cook, O. F.:
agriculture, debt to tropical America 260
community cotton production 1025
cotton improvement, weevil conditions 949
cotton of long staple 88
Cook County, Ill., bridges 26, 501, 617, 636, 668, 785
Cooke, Edmund F. (Representative from N. Y.):
minority views—
Immigration and Naturalization Com. 499, 632
Cooke, John W., ancillary admrs. v. U. S. 552, 887
Cooke, L. L., School of Electricity 807
Cooke, T. G., Fed. Trade Comn. rp. etc. 971
Cookery:
Aunt Sammy's radio recipes 1024
publications for sale by supt. of docs. 165, 972
rabbit recipes 88
Cooking appliances, market in Canada, etc. 95
Cooledge, F. J., & Sons, Inc. 817
Cooley, J. S., diseases of apples in storage 287
Cooley, Martin, editor, Veterans' Bureau medical bulletin 76, 140, 203, 274, 366, 585, 750, 852, 937, 1011, 1086
Coolidge, Harold J., climate of Liberia 219
Coolidge Foundation, *see* Elizabeth Sprague Coolidge Foundation.
Cooling of whirlwind radial engine 59
Coomaraswamy, Ananda K., Yakṣas 1001
Coombe Garment Co. 55, 325
Coombs, James B., trustee, court case 428
Coons, A. T.:
lime in 1929 481
potash in 1929 387
salt, bromine, etc., in 1929 388
slate in 1929 388
stone in 1929 481
Cooper, Anita H., *vs.* United States 358
Cooper, G. F., medical surveys 256
Cooper, G. W., medical mycology 60, 61, 256

Page
Cooper, H. M., analyses of mine samples.. 609, 772
Cooper, Harry, Supply Co., pipe 1057
Cooper, Henry A. (Representative from Wis.):
report made by—
Conference Com 620
Cooper, Mrs. Henry A., payment 782
Cooper, John G. (Representative from Ohio):
report made by—
Interstate and Foreign Commerce Com 400-401, 501, 636, 638
Cooper, M. R., agricultural statistics 84
Cooper, Oswald, commissioner of patents *v* 299
Cooper, William J.:
home and family life 809
superintending public education 536
see also Education Office.
Cooper River, chart 769
Cooperage, Guy F. Bassett 424
Cooperation:
bibliography, cooperation in agriculture 806
bibliography, cooperative movement 189
climatological cooperative observer 601
climatological work 601
consumers' societies 254, 826
cooperação agricola 260
same (in Spanish) 346
credit societies 826
estradas de ferro e auto-caminhões 65
gasoline stations, 1929 189
home and school, world cooperation 241
housing societies, 1929 560
intellectual, between the Americas 1070
same (in Spanish) 996
livestock concentration point, operations 466
livestock shipping associations 946
marketing—
and purchasing, 1920-30 148
farmers build marketing machinery 415
financial structure of cooperatives 1044
guide for setting up associations 308, 696
lists of publications 308, 415, 533, 696
oil or gas pool, etc., development 655, 692, 787
productive associations, 1929 432, 826
prohibition law enforcement 75, 253
rural health work, Public Health Serv. 273, 749
States, watershed protection 1024
see also Extension work.
Cooperative Extension Work Office 213, 284, 373, 761, 864, 948
Cooperative Marketing Division 466
Cooperative societies, *see* Cooperation.
Coos Bay, chart 477
Coos Bay wagon-road lands, fire trespass 512
Coos Head, lands in res. to Oregon Univ. 38, 648, 787
Coosa River, bridge in Alabama 24
Copeland, O. C., dairy cattle measurements 3, 83
Copeland, Royal S. (Senator from N. Y.):
reports made by—
Commerce Com 518
District of Columbia Com 520, 673-674
Copenhagen, Denmark, International Dairy Congress 393
Copley, William G., electric railways, etc 603
Copp, Philip M., Spain, resources, etc 480
Coppename River, chart 920
Copper:
cyanidation sulphide-acid precipitation 772
electrotyping 160
electrotyping, addition agents 160, 301
in—
Arizona 226
California and Oregon 961
Central States 481
Colorado 226
Eastern States 298
Idaho and Washington 96, 961
South Dakota and Wyoming 878
Utah 1036
mines of Arizona, ventilation 387
production—
1928, general report 226
1928, map showing value 298
1929, general report 1036
rates on 902
roofing, seams 160, 302
Copper number of paper, determination 880, 1039
Copper Ridge Mining Co., relief 624, 691

Page
Copyright:
catalogue of copyright entries 58, 124, 190, 254, 255, 341, 342, 433, 434, 561, 562, 725, 827, 918, 990, 991, 1063
decisions, 1930 962
law of United States—
act of Mar. 4, 1909, as amended 342
general revision (H. R. 12549) 688
see also names of articles copyrighted.
Copyright Office 58, 124, 190, 254, 341, 433, 561, 725, 827, 918, 990, 1063
report, 1930 434
Copyright Union, *see* International Copyright Union.
Coquille River entrance, charts 156, 875
Coral Sea, pilot 343
Corbett, L. C., cabbage 376
Corbett, Merritt J., court case 427
Cordage:
duty on hemp cordage, increasing rate 1075
Federal standard stock catalogue 452, 1007
specifications, General Supply Com 137, 362, 748, 1009
Cordero, F., pressure element for altimeter 59
Cordon, The, *v.* United States 325, 695
Corega Chemical Co 544
Cores, *see* Paper-winding cores.
Corliss, Charles A., *vs.* Frank K. Bowers 358
Corn:
better seed corn 471
chemical-dust seed treatments 1025
conserving from weevils in Gulf States 948
corn earworm as enemy in Eastern States 598
growing in Southeastern States 949
growing sweet corn for cannery 376
management of corn-growing enterprise 103
nutritive value, corn and sorghums 83
publications on, lists 103
rates on 48, 113, 1054
smut resistance in selfed lines 210, 287
smut susceptibility, relation of vigor 147, 152
trading in futures 216
vitamin-A content, corn and sorghums 83
weather and corn yields 1027
see also Broom-corn.
Corn belt:
harvesting small grain with combines 1020
sweetclover in corn belt farming 467
Corn Belt Coal Merchants' Association 814
Corn-borers, *see* European corn-borer—Larger corn stalk-borer.
Corn earworm, *see* Boll worm.
Corn Exchange of Buffalo, molasses 249, 1057
Corn stalk-borer, *see* Larger corn stalk-borer.
Corn-starch:
rates on 176
surplus made by U. S. 6
Cornell University war memorial, address of President Hoover 1074
Cornett, William M., relief 624
Corning, Parker (Representative from N. Y.):
reports made by—
Interstate and Foreign Commerce Com 400, 636
Corning Glass Works, coal 319
Cornish, Clyde, relief 19
Cornog, Augusta, relief, to amend act 396, 515, 778
Cornstalks, insulating board manufacture 390
Cornwallis, Charles Cornwallis, 1st marquis:
surrender at Yorktown—
Army to participate in celebration 644
Marine Band to attend celebration 652
medal in commemoration, hearings 496
medal in commemoration, law 789
medal in commemoration, reports 397, 682
United States to participate in celebration 30, 644, 682, 789
Coronado Oil and Gas Co 325
Coronas, José:
five severe typhoons over Far East 291
typhoons and depressions 90
Corozal, C. Z., construction of building 646
Corporation commissions, *see* names of States.
Corporations:
holding companies in interstate commerce 795
in D. C., amend law rel. to organization 616
see also names of corporations.

Page
Corps areas and departments, regulations 853
Corpus Christi, Tex., aviation chart 61
Correctional institutions, *see* Reformatories.
Correspondence:
Army extension courses 752
Coast Guard regulations 362
instructions to diplomatic officers 264
National Guard regulations 591
Corse, J. M., fuel briquets in 1929 14
Corso & Lo Bianco, wharfage charges 818
Corticium centrifugum 147, 216
Corydalis caseana, toxicity 757, 861
Cosby, Stanley W., soil of Clear Lake area 1021
Coscob Harbor, chart 1033
Cosden, J. S., Inc., pipe 906
Cosden Pipe Line Co. 117
Cosmos Club *v.* United States 186, 235
Cost of living, and prices 124, 725
Cost of production, *see* names of special articles, etc.
Costa Rica, foreign trade, 1929 440
Costello, John D., attorney, fee 843
Cottages, *see* Dwellings.
Cotton, Richard T.:
moths in upholstered furniture 598
stored-grain pests 6, 762
vs. Carl Taube, etc 150
Cotton:
absorbent, standard stock catalogue 847
breeding with main types 88
classification, additional facilities—
hearing 622
report 489
community production 1025
consumed, on hand, etc 11, 155, 221, 292, 382, 475, 603, 768, 873, 955, 1029
exchanges, investigation of operations—
hearings 35, 622
reports 35, 489
farm study of cotton plant 867
future market sale, to prevent 659
futures act—
enforcement, estimate 740
regulations 1020
to amend and reenact 659
ginned, 1930, etc 155, 221, 292, 382, 475, 768
improvement under weevil conditions 949
increasing yield by early defloration 861, 949
leaf-tissue fluids, properties 465, 471
long staple, produced in greater quantity 88
management of cotton-growing enterprise 103
marketing, farmers' experiences 466
metaxenia in cotton 1025
nitrogen content of cotton plant 1019
outlook for American cotton 533
Pearson's correlation method 861, 950
Pima and upland, development of buds 371, 471
price, factors affecting 946
production, and distribution, 1929–30 382
production, crop of 1929 92
publications of Agriculture Dept 103
rates on cotton 113, 176, 248, 424, 709, 814, 815, 902, 1054
rates on cotton linters 248
red spider and how to control it 1022
short branch, monohybrid inheritance 209, 217
some uses of products of plant 759
standards act, estimate for enforcement 740
standards act, regulations 1020
statistics 4
statistics, to collect and publish 24
supply and distribution, 1929–30 221
weather and cotton production 90
weekly cotton region bulletin 9, 90, 153, 219, 870, 952, 1027
world situation, with outlook for 1931–32 372
see also certain headings beginning Cotton.
Cotton-bale covering, rates on 709, 902, 978
Cotton belt, *see* South (U. S.).
Cotton-boll weevils, *see* Boll weevils.
Cotton-gin fires frequent 5
Cotton-gin saws, rates on 1055
Cotton-gins, rates on 544, 978
Cotton goods:
cotton fabrics and their uses 225
customs appeals 805, 889
hospital and institutional textiles 612
it's a gift! for individual, family, etc 296
Cotton goods—Continued. Page
market of British Malaya 876
rates on 113, 176, 319, 424, 709, 815, 902, 1055
see also Cotton—*also* names of special articles.
Cotton Manufacturers Association of South Carolina, coal 175
Cotton rags, to amend tariff act of 1930 34
Cotton-seed:
feeding to livestock 467
grading, hearing on H. R. 12011 622
industry, report of Fed. Trade Comn 533, 697, 698
products, manufactured, etc 11, 92, 155, 221, 292, 382, 475, 603, 768, 873, 955, 1029
rates on 113, 176, 319, 974, 1055
received, crushed, and on hand 11, 92, 155, 221, 292, 382, 475, 603, 768, 873, 955, 1029
Cotton-seed meal, rates on 113, 815, 979, 1055
Cotton-seed oil, rates on 544, 902
Cotton Trading Co., cotton-seed 1055
Cotton-waste, rates on 544
Cottonseed, *see* Cotton-seed.
Cottontail rabbits, *see* Rabbits.
Couch, James F., carotenosis of bovine livers 4
Council, Howard F., relief of mother 19
Council, Mary E., relief 19
Council Bluffs, Iowa, bridge 617, 637, 670, 786
Council of Personnel Administration 1000
Council on Foreign Relations, address 738
Counter, Geiger tube electron 17, 98
Counties:
health departments, balance of program 1010
health officers, 1930 456, 749
health unit of yesterday and today 936, 1084
rural delivery county maps, price list 837
see also names of counties.
Country Club Properties, Inc 674
Country elevator, grain drying 153
Country life:
communicable diseases, age incidence 584, 935
cooperative rural health work, 1930 273, 749
publications of interest to suburbanites 972
Country schools, *see* Rural schools.
County libraries:
school library cooperation 242
service to rural schools 241
Courbis, Paul, *v.* United States 332
Courier-Journal Co. *v.* Federal Radio Comn 415
Court commissioners, *see* Court of Claims.
Court-martial orders, *see* Courts-martial and courts of inquiry.
Court of Appeals of District of Columbia:
additional justices 24
appeals from Patent Office, etc 969
calendars 163, 413, 889
see also names of parties to suits.
Court of Claims 39, 102, 162, 234, 305, 411, 531, 694, 804, 886, 968, 1041
building, provision rel. to appropriation 743
cases—
calendars 235, 305, 411, 694, 804, 887, 968
decided, June 1, 1929–Jan. 31, 1930 162
decided Feb. 1–May 31, 1930 305
decided, June 1–Nov. 3, 1930 887
pending, general jurisdiction, 1930 305
rules in cases before commissioners 969
term 1928–29, index 162
commissioners, amending act to authorize 24
judgments rendered 412, 427, 552, 718
see also names of claimants.
Court of Customs and Patent Appeals 40, 102, 162, 237, 308, 532, 696, 805, 888, 969, 1044
cases adjudged (decisions)—
customs cases 102
patent cases 532
printed in Treasury decisions 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
estimate for printing and binding 741
patent calendar for Oct. term, 1930 237
rules and organic acts 696
rules relating to customs cases 934
see also names of claimants.
Court of Customs and Patent Appeals reports 102, 532
Court of Customs Appeals, *see* Court of Customs and Patent Appeals.
Court of International Justice, *see* Permanent Court of International Justice.

Page

Court reporters, instructions 887
Courts:
in Canal Zone, to amend act 640
jurisdiction, courts sitting in equity 796
labor decisions 123
packers' consent decree decisions 796
powers of international tribunals 26
see also District Courts—*also* headings beginning Court—Courts—*also* names of courts.
Courts-martial and courts of inquiry:
Coast Guard, amendments 270
naval, orders 60, 125, 191, 256, 435, 726, 992, 1065
Courts of United States:
business, manual for study 992
decisions—
citator, supplement 363
for sale by supt. of documents 42, 972
interstate commerce 245
patents (in Official gazette) 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
patents (separates from Official gazette) 15, 97, 158, 227, 299, 388, 389, 482, 610, 773, 879, 962, 1036
patents, etc., 1930 962
pertaining to Federal Trade Comn 416
relating to Army 1089
under Harrison narcotic law 1010
register 335
see also Circuit Courts of Appeals—Court of Claims—Court of Customs and Patent Appeals—Customs Court—District Courts—Supreme Court of United States—*also* Judges.
Coushatta, La., bridge 401, 488, 518
Couzens, James (Senator from Mich.):
report made by—
Interstate Commerce Com 681
Covellite leaching, chemistry 387
Cover, Thomas, case of executors 718
Covered smut, *see* Smut.
Covert, Roy N., protection from lightning 219
Covert, Timon:
age-grade study of elementary pupils 106
rural school consolidation 166
State aid for school consolidation, etc 891
Cow-peas:
marketing seed crop 946
rates on 709
utilization 287
Coward, H. F., inflammability of gases, etc 609
Coweta Cotton Oil Co., coal 709
Cowing, Amy, appointment 1000
Cowles, R. P., waters of Chesapeake Bay 385
Cowling:
effect on Wright J-5 engine 59
for radial air-cooled engine 59
ring type, effect on Douglas XO-14 1013
Cowlitz Indians, suit in Court of Claims 521
Cowlitz River, flood control, etc 753
Cowls, *see* Cowling.
Cowpeas, *see* Cow-peas.
Cowper, T. B., relief 19
Cows:
cow tester's handbook 213
dairy cows—
care and management 6
care at calving time 6
feeding in summer 373
raising dairy heifer 213
udder diseases 283
grades of slaughter heifers, poster 148
nitrogen from excreta, to prevent loss 209, 281
Cox, C. N., Fed. Trade Comn. rp., etc 971
Cox, E. E. (Representative from Ga.):
report made by—
Flood Control Com 631
Cox, Homer E., relief 19
Cox, S. R., bridge 401, 618, 671
Cox, W. A., relief of estate 778, 798
Cox, William R., relief 798
Coye, Josephine T., clinic nurse in regional office 585
Coyle, William R. (Representative from Pa.):
reports made by—
Naval Affairs Com 506–507, 651–652
Coyote trapping 5, 597
Cr_2O_3–Al_2O_3 system, phase equilibria 1038
Cr_2O_3–SiO_2 system, phase equilibria 99, 231

Page

Crab meat, standard stock catalogue 1082
Crab Orchard Improvement Co., coal 176
Crace, Enea, *v.* United States 326
Crackers, soda, standard stock catalogue 1082
Cracklings, rates on 979
Craddock, J. D. (Representative from Ky.):
reports made by—
War Claims Com 657
Craft work as occupational therapy 853
Craig, D. N., volatile acids in sulphuric acid solutions 485, 776
Craig, Donald A., newspaper release on George Washington 39
Craighead County, Ark., bridge 28
Crail, Joe (Representative from Calif.):
report made by—
Foreign Affairs Com 631
Cram, Eloise B.:
diseases and parasites of poultry 467, 1021
nematodes found in birds 283
nematodes in poultry 149
nematodes in poultry and game birds 863
Cramton, Lois, repeal law granting pension 527, 614
Cramton, Louis C. (Representative from Mich.):
reports made by—
Appropriations Com 395, 491
Conference Com 621
Cranberry false blossom, spread 471
Crancer, L. A., Fed. Trade Comn. rp., etc 890
Crandall, R. P., district medical officer 61
Crane & MacMahon, Inc., lumber 424
Crane Company, bath-tubs 707
Cranes, rates on 114, 176
Crania, *see* Skulls.
Crater Lake National Park, circular 1049
Crater National Forest, resources, etc 599
Craters of the Moon National Monument:
exchange of lands 509, 529, 783
proclamation 68
Crates, rates on 114, 815
Crawford, Mildred B., relief 624, 798
Crawford, R. W., Hawaii district, rp 587
Crawford County, Kans., soil survey 947
Crawford Manufacturing Co., Inc., *v.* U. S. 718, 1042
Crawfordsville, Ind., coal 319
Cream:
Babcock test, limits of error 3, 147
rates on 176, 319
Cream cheese, *see* Cheese.
Credit:
exporting machinery on credit 772
retail credit survey, 1930 386, 876
see also Agricultural credit—Foreign exchange—Loans.
Credit unions:
incorporation in District of Columbia—
hearings 673
reports 629, 673
movement in U. S. in 1929 341
see also Cooperation.
Creech, G. T.:
carotenosis of bovine livers 4
warts on cattle 947
Creek Indians:
claim for compensation 678
v. United States 820, 887, 984
Crellin, Amy H., court case 911
Crellin, Edward W., court case 911
Crenshaw Brothers Produce Co., Inc 173
Creosote oil, rates on 709, 979
Crescent City Harbor, chart 606
Crescent Lake Wild Life Refuge 837
Cressman, A. W., Australian lady beetle 147, 150
Crest and Gap road, paving estimate 743
Cresyl blue, oxidation-reduction studies 851
Cretaceous period:
flora of Denver, etc., formation 106
floras of Alaska, Upper Cretaceous 43
mollusks from Aspen shale, Wyoming 737
Crew Transportation Corporation, relief 19
Crider Brothers Commission Co 820
Crile, George W., *v.* comnr. of internal revenue 820
Crim, Mary F., relief 624
Crime and criminals:
cost of criminal justice administration 256
crime problem, need for cooperation 974
criminal justice surveys analysis 1065
defining petty offenses 38, 392
report of Law Observance, etc., Comn 828

Page
Crime and criminals—Continued.
statistics, to authorize collection 623, 783
uniform reports for U. S. and possessions 253, 340, 431, 559, 723, 825, 916, 989
see also Convict labor—Extradition—Prisoners.
Crime Commission, *see* National Commission on Law Observance and Enforcement.
Criminal codes, *see* Codes of law.
Criminal justice, *see* Crime and criminals.
Criminals, *see* Crime and criminals.
Crimora Manganese Corporation 312, 984
Crinoids, monograph 840
Crippled:
education of crippled children 241
see also World Conference of Workers for the Crippled.
Crittenden R. R., deficit claim 318
Cron, Marijune, relief 19
Crook National Forest 131, 1000
Crooked River, examination and survey 517
Crookston, Minn., monument 524, 616
Crop reporter, supplement 946
Crops:
cottontail rabbits in rel. to crops 1021
crop and livestock production trends, etc 946
crop and livestock reports 148, 282, 372, 596, 759, 862
crop reports, comments 148, 210, 946
for alkali lands 764
foreign crops and markets 148, 759, 862
grow less, get more 308
insects injurious to, Govt. pubs 417
production in 5 leading States 946
statistics of miscellaneous crops 84
subsoil moisture and crops for 1931 1027
water requirement in Great Plains 757, 868
weekly weather and crop bulletin 10, 90, 153, 219, 291, 379, 473, 602, 766, 871, 952, 1027.
see also Forage crops—Market gardening—Rotation of crops—*also* names of crops.
Crops and markets (periodical) 3, 83, 147, 209, 281, 465, 757, 861, 945, 1019.
Crosby, C. O., relief 19
Crosby, M. A.:
livestock possibilities in Coastal Plain 282
sweetclover in corn belt farming 467
Crosby, P. T., interesting spinal cord tumor 436
Crossett, Lewis A., Co., *v.* U. S 186, 1042
Crossties, *see* Railroad ties.
Crotalaria, new legume for the South 600
Croton, Iowa, bridge 24
Crotty, Margaret, relief 624, 662
Crouch, J. H., typhoid vaccine after infection 273, 456
Crouch, W. E., rat proofing 373
Crow, F. H., Lumber Co., lumber 712
Crow Indians:
adoption of minors 633, 678, 783
classification, to change 633, 678, 783
v. United States 162
Crow Reservation:
hospital, construction and equipping 678
isolated tracts, providing for sale 399, 616, 678
Crowley, Walter P., relief 778
Crown-gall, single-cell isolations 209, 288
Crown Overall Manufacturing Co 1055
Crown rust, eradicating buckthorn 376
Crown Willamette Paper Co., dike or dam 23, 37
Croxton, Fred C.:
fluctuation of employment in Ohio—
1929, and comparisons with 1924–28 340, 432
automobile manufacturing (2 entries) 57
mining and quarrying 124, 189
unemployment in Buffalo, N. Y. (2 entries) 560
Croxton, Frederick E.:
fluctuation of employment in Ohio—
1929, and comparisons with 1924–28 340, 432
automobile manufacturing (2 entries) 57
mining and quarrying 124, 189
unemployment in Buffalo, N. Y. (2 entries) 560
Crude gum, *see* Gums and resins.
Crude petroleum, *see* Petroleum.
Cruickshanks, B. C., nuts and bolts 160, 390
Crumb, S. E., tobacco cutworms 285

Page
Crustaceans:
amphipod, new species from California 840
Cambrian bivalved, order Conchostraca 928
fossil decapod, from Mexico 265
trawling for, at Tortugas, Fla 840
Cryostat, precision 775, 965
Ctenocephalides, new genus of fleas 138
Cuajan Island, *see* Guam Island.
Cuba:
charts 62, 126, 565, 1067
el dominio del mosaico de la caña de azúcar 260
light list 608
money-order post offices 129
parcel post convention with U. S 568
readjustment to economic forces 225
Cucumbers, rates on 709
Cudahy Packing Co., poultry 981
Cuio Bay, chart 191
Culbertson, Viola E., agricultural statistics 84
Culbertson, Mont., bridge 27, 637, 669, 786
Cullet, rates on 544, 1055
Culpepper, Charles W., canning quality of certain peaches 217
Culture, ancient, of St. Lawrence Island 840
Cumberland & Pennsylvania R. R 171
Cumberland Cedar Works, lead-pencils 816
Cumberland River, flood control 399, 519, 619
Cumberland-Shenandoah region, apples 862
Cumberland Valley Telephone Co 170
Cummings, N. W.:
energy-evaporation equation 9
heat losses by convection, etc., ratio 10
Cummins, A. D., & Co. *v.* United States 326, 984, 1059
Cunningham, Thomas W., court cases 120, 251, 326, 820
Cunningham Brick Co., fuel-oil 979
Cuno, John B., utilization of black-locust 215
Cuno Engineering Corporation *v.* United States 235
Cups, pin and sponge, standard catalogue 73
Curculio, plum, in Georgia peach belt 214
Curran, Con P., *v.* comnr. of internal revenue 326
Currants:
chemical eradication of Ribes 950
relation to white-pine blister rust 287
Curren, George, relief 662, 778
Currency, *see* Money—Paper money.
Currency, Comptroller of, *see* Comptroller of Currency.
Currency Division, *see* Loans and Currency Division.
Currents, *see* Ocean currents.
Curriculum construction, State practices 972
Currie, Anna L., nursing of mentally ill 937
Currie, R. D.:
coal-mine safety organizations 609
permissible methane detectors 387
Curry, J. C., climate and migrations 354
Curtaining, window 216
Curtin-Howe Corporation 1059
Curtis, Grover C., *v.* United States 120
Curtis, H. J., fiber diameters 881, 1038
Curtis, Harvey L., rubber underwater 160, 303
Curtiss, L. F., Geiger tube electron counter 17, 98
Curtiss Candy Co 1045
Cusack, Thomas S., patellar dislocation 203
Cushions:
rates on furniture cushions 709
standard stock catalogue, ring cushions 73, 745
Cushman, Joseph A., Polymorphinidae 132
Cushman, R. A., ichneumon-flies 841
Custer, W. W., *v.* Rob B. McCutcheon 326, 910, 1004
Customs, *see* Tariff—*also* names of importing companies and names of articles imported.
Customs and Patent Appeals, Court of, *see* Court of Customs and Patent Appeals.
Customs Bureau 271, 362, 454, 582, 747, 933, 1083
Customs Comptrollers, Conference of, *see* Conference of Comptrollers of Customs.
Customs Court 74, 137, 201, 271, 362, 454, 582, 747, 849, 889, 1044
decisions, weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
rules, adopted Dec. 22, 1930 718, 910

Page

Customs Officials, Conference of Appraisers, Assistant Appraisers, and Other, *see* Conference of Appraisers, Assistant Appraisers, and Other Customs Officials.
Customs Service:
buildings for better law enforcement 24
compensation of certain employees—
hearings 34
law 392
report 37
districts, headquarters, etc., list 1083
ports issuing marine documents 220
promotions, regulations 154
salary of commissioner of customs 24
see also names of ports, etc.
Customs Service, Conference of Administrative Officers of, *see* Conference of Administrative Officers of Customs Service.
Customs service in Canal Zone, to establish 640
Cutter, Caleta, chart 259
Cutting, Bronson (Senator from N. Mex.):
reports made by—
Military Affairs Com 409, 683–686
Public Lands and Surveys Com 691
Cutting compounds, standard stock catalogue 135
Cutting equipment safety rules 730
Cutts, Richard M., relief 624
Cutworms, tobacco, and their control 285
Cuxhaven Road, chart 126, 1067
Cvitkovic, J. S., *v.* United States 186
Cyanidation, copper and zinc in 772
Cyanide:
action on oxygen consumption of cells 851
alkali, purification and analysis 1038
Cyclones, *see* Storms.
Cylinder wires, *see* Wire.
Cylinders:
circular, wind pressure 160, 303
handling, etc., compressed gas cylinders 204
Cyprian Fabre, *see* Compagnie Française de Navigation a Vapeur.
Cysteine estimation, in presence of glutathione 750, 936
Cystine:
absorption rate 750
content of meat and fish 1011
content of purified proteins 139
substitution of dithioethylamine in diet 1010
Cystine amine in diet of white rat 1010
Czarnikow-Rionda Co. *v.* United States 53
Czechoslovakia:
chemical industry 95
iron and steel industry 96
leather industry and trade 297
Czike, Louis, relief 778, 798
Czwartkovski, Werner, relief 396

D

D. & S. Tablet Co., writing tablets 119
D. A. R., *see* National Society of Daughters of American Revolution.
Dadisman, A. J., marketing apples 862
Daffodils:
article on 217
hot-water treatment 8, 1025
Dague, Charles I., fire weather, Sept. 1929 379
Dahle, C. D., effect of temperatures on ice-cream mixes 1019
Dahlgren, Va., bridge 401, 518, 618
Dahlias for the home 764
Dahlinger, Charles W., *v.* comnr. of internal revenue 820
Daily Pantagraph, Inc., *v.* United States 552
Daily statement of Treasury, *see* Treasury.
Daily weather map, *see* Weather.
Dairy cattle, *see* Bulls—Calves—Cattle—Cows.
Dairy Congress, *see* International Dairy Congress.
Dairy Convention, American Vocational, *see* American Vocational Dairy and Poultry Convention.
Dairy Equipment, *see* Dairying.
Dairy Industry Bureau 6, 86, 150, 213, 285, 373, 468, 598, 864, 1022
report, 1930 373

Page

Dairy products:
icing and reicing charges 548
investigation of prices 797
rates on 902
see also Butter—Buttermilk—Cheese—Cream—Milk.
Dairying:
dairy statistics 84
ice well for dairy farm 598
markets for dairy equipment—
Far Eastern 95
Latin American 96
publications for sale by supt. of docs 165, 972
see also Bulls—Cattle—Cows.
Daland, steamship:
owner *v.* United States 235
Dalbom, Claude, mung beans 465, 466
Dale, Porter H. (Senator from Vt.):
reports made by—
Commerce Com 37, 406–408, 516–519, 666–673, 799–800
Dale Oil & Refining Co., reconsignment 715
Daleo, Jasper, relief 492
Dallas, Tex., First National Bank, as admr., *v.* comnr. of internal revenue 335
Dallas Transfer Co., automobiles 112
Dalles, Oreg., bridge 635, 666, 783
Dally, Wendell P., chronic bronchitis 751
Dalton, Albert C., *v.* United States 186, 531
Dalton Foundries, Inc., *v.* United States 695
Daly, John F., census of manufactures, 1927 92
Daly, Reginald A., X-raying the earth 354
Damage control of ships 726
Damages, *see* Claims.
Dampskib Aktieselshap Roskva, to reimburse 495
Dams, *see* names of dams—*also* names of rivers or bodies of water where dams are located.
Damson, Christian, relief 515, 778
Dandy, Walter E., settlement for services 505
D'Angelo, Joe, *v.* United States 325
Dangerous drugs, *see* Narcotics.
Danial, Esther P., fish meals 770
Daniel, Charles R., commissioner of internal revenue *v.* 186, 326
Daniel, S. B., commissioner of internal revenue *versus* 186, 326
Daniel, Tillett S., *v.* United States 235, 326, 531
Daniels, Joseph, Washington coals 772
Daniels, W. H., weak foot 751
Dann, Walter M., patent appeal 299
Dann-Gerow Co., Inc., lime 904
Danovitz, Ike, *vs.* United States 359
Dantzler, Tillman (William, p. 1060, incorrect) T.:
v. United States 968, 1060
Danvers quadrangle, Ill 420
Danville, Tenn.:
bridge 503, 519, 788
Danville, Va.:
Chamber of Commerce—
bananas 112
Danville Lumber Co., coal 708
Danzig, Germany, visibility measurements 601
Darby-Lynde Co.:
v. Acel C. Alexander 820
v. commissioner of internal revenue 820
Darling, F. W., *v.* commissioner of internal revenue 718, 1060
Darling, J. S., & Son, Ruffin Collie, etc., *vs.* 359
Darling & Co.:
cracklings 979
peanut-oil stock 425
stearic acid 548
Darnell, T. H., automotive ignition coil 918
Darrow, George M.:
culture of Logan blackberry, etc 288, 1025
currants and gooseberries 287
dewberry growing 288
everbearing strawberries 217
strawberry culture, eastern U. S 950
strawberry plants, growth, etc 147, 217
strawberry varieties in United States 764
Darrow, George P. (Representative from Pa.):
reports made by—
Naval Affairs Com 507, 652
Dartmouth Harbor, chart 920
Das Es 974

Page

Dashiell Motor Co. *v.* United States 718
Dates, processing and storing in California 376
Datums, chart 384
Daugherty, D. B., court case 552
Daugherty, William T.:
chemical industry in Czechoslovakia 95
German chemical developments, 1930 876
Daugherty, McKay & Co 326
Daughters of American Revolution, *see* National Society of Daughters of American Revolution.
Daughters of 1812, *see* National Society United States Daughters of 1812.
Davao Gulf, chart 769
Davenport Chamber of Commerce, gasoline 178
Davenport Locomotive & Manufacturing Corporation, iron bars 712
Davidson, John E., relief 506
Davidson, Joseph E., *v.* United States 333
Davidson, W. M., pyrethrum, insecticidal value 87
Davie County, N. C., soil survey 761
Davies, G. L., airplane antennas 965
Davies, Joseph E., statement 882
Davies, T. L., bridge 502, 670, 786
Davis, Brython P., *v.* United States 39, 186, 411
Davis, Daisy O., relief 492, 778
Davis, E. M., relief 19
Davis, G. V. P., encephalitis lethargica 76
Davis, H. S., culture of black bass, etc 156
Davis, Hubert W.:
iron ore, pig ore, and steel in 1929 227
platinum and allied metals in 1929 227
Davis, James J.:
as Secretary of Labor, *see* Labor Department.
as Senator from Pa.—
report from Manufactures Com 683
reports from Naval Affairs Com 526–527, 687–688
Davis, Joe, *v.* United States 1060
Davis, John E., physical program for mentally ill 203
Davis, Joseph L., relief 646
Davis, Levi L., *v.* United States 39, 120, 531
Davis, Mary A., score cards for clothing 867
Davis, Mary D.:
kindergarten-primary education 418
nursery-kindergarten-primary education 241
Washington Child Research Center 313
Davis, Merlin, ignition sparks 342, 1064
Davis, R. H., soil survey of Clay County, Kans. 597
Davis, Raymond, filters for reproduction of sunlight and daylight, etc 775
Davis, S. P., cotton-seed meal 1055
Davis, W. A.:
soil surveys—
Lenoir County, N. C 212
Watauga County, N. C 761
Davis, W. B., ethylene effect on persimmon 757, 864
Davis, W. C., intestinal tuberculosis study 852
Davis, Walter C.:
beef grading and stamping service 210
commercial cuts of meat 862
Davis, W. W., *v.* United States 984
Davis Creek Land & Coal Co 551
Davis, Howe & Co., relief 662, 778
Dawe, Joseph, patent appeal 879
Dawley, Mary E., relief 624
Dawnic Steamship Corporation *v.* U. S 552
Dawson, J. R.:
care and management of dairy cows 6
feeding dairy cows in summer 373
ice well for dairy farm 598
Dawson, Louis E., starches imported 6
Dawson, Owen L., milling and baking qualities of wheats 283
Day, Abbie F., case of admrs 552
Day, Leo, *v.* United States 722
Day, Preston C.:
behavior and effect of tornadoes 90
daily, etc., normals of precipitation 219
miscellaneous agricultural statistics 84
Day, Samuel H., machinery market, British South Africa 96
Daylight, filters for reproduction 775
Daymarks, *see* names of places where located.
Dayton, Elizabeth B., relief 624, 662
Dayton Engineering Laboratories Co 236

Page

Dayton Wright Airplane Co 326
Dead reckoning, aerial navigation 922
Deaf:
biennial survey of schools for the deaf 241
gunfire deafness in Navy 256
hearing of school children 75
simulated deafness 829
see also Columbia Institution for the Deaf.
Deal, Alice, Junior High School, *see* Alice Deal Junior High School.
De Aldrey, Pedro, *see* Aldrey, Pedro de.
Dearborn, C. H., F6C-3 airplane 726
Dearborn, George V. N., manic depressive 852
De Arenaza, Carlos, la delincuencia infantil en América 1071
Dearing, A. H., anesthesia 1066
Dearing, Charles:
home utilization of muscadine grapes 471
unfermented grape juice 868
De Armond, William B., exr., United States *v.* 338
Death:
causes, in registration area, 1929 364
causes, physicians' pocket reference 1031
census statistics, 1928 293
in certain States, 1930, etc 1010
in cities, 1930, mortality summary 584
infant mortality—
rates, 1929 364
statistics for registration area 154, 221
influenza and pneumonia mortality 203, 583
life insurance mortality rates 584, 935
maternal mortality, 1929 364
occupational mortality, 1915–26 202
psychiatry studies, chances of death 108
Death Valley R. R., abandonment 897
Deaver, Bascom S., complaint against 32, 642
DeBruin, T. L., 2d spectrum of xenon 612, 777
Debts, prohibit recovery from deposits with Government 645
see also Bankruptcy—Public debts.
Decapod crustaceans, fossil 265
Decatur, Ga., Georgia Power Co. *vs* 200
Decatur, Nebr., bridge 637, 670
Decatur Malleable Iron Co., iron castings 179
Decisions:
accounting officers, index, 1894–1929 808
commissioner of patents—
1930 962
weekly (in Official gazette) 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
weekly (separates from Official gazette) 15, 97, 158, 227, 299, 388, 389, 482, 610, 773, 879, 962, 1036
comptroller general—
July, 1929–June, 1930 310
July, 1929–June 1930, index-digest, etc 534
July–Sept. 1930, index-digest 240
Oct.–Dec. 1930, index-digest 699
Jan.–Mar. 1931, index-digest 890
monthly 104, 240, 310, 416, 699, 808, 890, 971, 1046
relating to Army 1089
Court of Claims—
cases decided, June 1, 1929–Jan. 31, 1930 162
cases decided, Feb. 1–May 31, 1930 305
cases decided, June 1–Nov. 3, 1930 887
Court of Customs and Patent Appeals—
customs cases 102
patent cases 532
printed in Treasury decisions 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
courts of United States—
citator of decisions, supplement 363
interstate commerce 245
list of publications for sale 42, 972
narcotic, under Harrison law 1010
patent, trade-mark, etc., cases, 1930 962
patents (in Official gazette) 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
patents (separates from Official gazette) 15, 97, 158, 227, 299, 388, 389, 482, 610, 773, 879, 962, 1036
relating to Army 1089
customs—
Jan.–June, 1930 360
Jan.–June, 1930, index 201

Page

Decisions—Continued.
customs—continued.
July–Dec. 1930 932
July–Dec. 1931, index 846
weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
Customs Court 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
Federal Radio Commission, appeals 28
Federal Trade Commission—
v. 12 239
v. 13 1045
v. 13, table of cases 310
statutes, etc., pertaining to, 1914–29 416
Geographic Board 42, 105, 240, 417, 699, 890, 971, 1046
industrial alcohol 450, 578, 740, 846, 932, 1007, 1081
Interior Department—
pension and retirement claims 165
pension and retirement claims, title-page, etc 417
public lands, v. 52, by signatures 42
public lands, v. 53, by signatures 1047
internal revenue—
1930, calendar year 582
citator of decisions, supplement 363
weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
Interstate Commerce Commission—
finance 45, 110, 169, 246, 317, 423, 540, 703, 812, 896, 976, 1051
finance (bound reports) 316, 538
regulation of carriers 245
traffic 47, 112, 173, 248, 319, 424, 542, 706, 814, 900, 977, 1053
traffic (bound reports) 108, 244, 245, 538, 702, 811, 1050
valuation 50, 119, 185, 250, 425, 549, 716, 819, 908, 982
valuation (bound reports) 44, 245, 538, 1050
labor, decisions of courts, 1927–28 123
narcotics 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
packers' consent decree, court decisions growing out of 796
pensions 165
title-page, etc 417
prohibition 73, 135, 201, 269, 360, 450
public lands—
v. 52, by signatures 42
v. 53, by signatures 1047
retirement 165
title-page, etc 417
Supreme Court—
1926, Oct. term (separates) 1079
1929, Oct. term (official reports) 134
1929, Oct. term (separates) 72, 200, 358, 359, 448
1929, Oct. term (United States reports) 72, 448
1930, Oct. term (official reports) 577, 739, 844, 845, 1006, 1079
1930, Oct. term (separates) 448, 449, 576, 844, 930, 931, 1004, 1005, 1006, 1079
abstracts, Court of Claims cases 162, 305, 887
Tax Appeals Board reports—
v. 15 200
v. 16 449
v. 17 449
v. 17, index 200
v. 18 577
v. 18, index 449
v. 19 1007
v. 19, index 931
v. 20, index 1080
in pamphlet form 72, 134, 200, 268, 360, 449, 577, 739, 845, 931, 1007, 1080
Treasury—
1930, calendar year 582
Jan.–June, 1930 360
Jan.–June, 1930, index 201
July–Dec. 1930 932
July–Dec. 1930, index 846
citator of decisions, supplement 363
weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
see also Judgments—Opinions.
Deck attendants, Library of Congress, instructions 990

Page

Decorations of honor:
certain officers of Navy, etc., to accept 526, 651
Sumner E. W. Kittelle to accept 506
see also Medals—*also* names of decorations, e. g. Distinguished-Service Medal.
DeEds, Floyd, glass electrode measuring pH of blood 203, 456
Deeds of trust, *see* Mortgages.
Deep Creek, bridge in Maryland 635, 667
Deere & Co., iron bars 711
Deerlodge National Forest, proclamation 1000
Deeter, E. B., soil of Tuscola County, Mich 864
Defective and delinquent classes:
industrial schools for delinquents 241
statistics, to authorize collection 623, 783
see also Juvenile delinquency—*also* names of special classes, e. g. Feeble-minded.
Defensive combat, Army extension course 939
Deffenbaugh, W. S.:
city school systems 241
school administration 536
Deficiency appropriations and estimates, *see* Appropriations—*also* special subject of appropriation or name of Department or bureau submitting estimate.
Defloration increasing cotton yields 861, 949
De Foney, C. G., psychology in aviation 829
De Forest Radio Co. *vs.* General Electric Co. 1079
De France, S. J.:
flight tests on U. S. S. Los Angeles 59
speed, etc., trials of U. S. S. Los Angeles 59
De Francis, Robert, United States *v.* 1062
Deglet Noor dates, processing, etc., in Calif 376
De Grasse, Comte, *see* Grasse, Comte de.
Degree-conferring institutions in foreign lands, to amend law 520, 629
Dehart, David A., relief 526, 614
De Kalb, Ill., allowance for terminal switching 118
De Laval Steam Turbine Co. *v.* United States 326
Delaware:
census, 1930—
agriculture 292, 475, 873, 1029
population 92, 382, 955
unemployment 292
chart 156, 770
Federal aid highway system progress map 378
lighthouse reservation for highway 668
mail routes, schedule 570
post route map 733
Senatorial campaign expenditures 1040
Delaware & Hudson Company:
finance application 46
rates on—
coal 544 (2 entries), 708 (2 entries)
lumber 179
methanol 180
paper 713
wood-pulp 425
relief 19
Delaware & Hudson Railroad:
court case 1050
finance application 46
Delaware and New Jersey Bridge Corporation 636
Delaware Bay:
light list 877
Delaware Bay and River Pilots Association 910
Delaware Breakwater, chart 294
Delaware Indians:
burial sites, to purchase 634, 680
v. United States 326, 910
Delaware, Lackawanna & Western R. R.:
rates on—
blowpipe 900
cotton goods 709
crates 114
ground iron borings 711
Delaware River:
bridge in New Jersey, construction 400, 406, 616
charts 94, 1032
draw spans, rules, etc., to govern opening 367
tunnels 636
Delegates, *see* House of Representatives—*also* names of Delegates.
D'Elia, Carlo, United States *v.* 427
Delicate children, *see* Children.
Delinquents, *see* Defective and delinquent classes.
Dellinger, J. H., classification of radio subjects 391

Page

Delmar Co.:
Great Northern Ry. *vs* 1079
routing 540, 812
DeLong, Dwight M., revision of Emposasca 598
De Luca, Carlo, *v.* United States 186
Demaree, J. B., pecan leaf blotch 471
Demarest, Charles H., Inc., jars 969
Dementia præcox:
carbon dioxide oxygen inhalations 366
group psychic treatment by lectures 140
in fraternal twins 1011
institutional care 585
Demerara River, chart of approaches 994
Deming, N. Mex., soil survey 864
Dempsey, Mary V., information on occupations 93
Dempsey, S. Wallace (Representative from N. Y.):
reports made by—
Rivers and Harbors Com 404, 795
Dempsey Lumber Co., lumber 320
Dempster Mill Manufacturing Co 326
Demshock, Elsie K., appointment 1000
Demurrage:
cases—
Advance Fuel Co., Inc 902
Alton Brick Co 114
Carlson, Victor, & Sons 709
Chicago Board of Trade 1055
Interstate Engineering & Construction Co 902
Kansas Flour Mills Corporation 544
King, H. C., & Sons, Inc 902
Kirk, James S., & Co., Inc 48
Middleton Compress and Warehouse Co 902
Milne Lumber Co 48, 248
Remark, J. W., Coal Co 709
Southern Roads Co 544
domestic collect-on-delivery mail 66, 731
Demuth, George S., beekeeping 213
Denatured alcohol, *see* Alcohol (denatured).
Deneen, Charles S. (Senator from Ill.):
reports made by—
Judiciary Com 682
Dengue epidemic in American Samoa 1066
Denig, Edwin T., Indian tribes of the upper Missouri 355, 446
Denim, Fed. standard stock catalogue 1008, 1082
Denison, Edward E. (Representative from Ill.):
reports made by—
Interstate and Foreign Commerce Com. 401, 501–502, 636–637, 639–640, 642
United States *vs* 238, 326
Denison & Pacific Suburban Ry., bananas 112
Denman, Eugene, admr., *v.* W. L. Slayton 557
Denmark, income tax on shipping profits 574
Denmead, Talbott, bird protection officials 211
Denney, O. E., National Leper Home, 1930 584, 936
Dennison, Henry S., reserves against unemployment 767
Denny, E. H., mining and preparation of coal 609
Denny & Co., potatoes 1057
Dennyus genera, biting lice 265
Denser, C. H.:
effects of various psychic stimuli 751
scope of term encephalitis 274
correction of author's initial 370
Densmore, Frances, music of Indians 840
Denson, Roy L., local anæsthesia 751
Dent corn, *see* Corn.
Dental Corps, Navy, relief of officers 687
Dental papers, writing of 1086
Dental supplies:
alloy, amalgam, standard stock catalogue 1082
rates on dental-plate adhesive powder 544
waste elimination—
dental brush wheels 612
hypodermic needles 302
packaging of dental plaster, etc 965
Dentistry:
care, etc., after extraction of teeth 76
conservatism plea in dental treatment 853
dental films, simplified technique 436
facial paralysis cured by treatment 140
gold inlay influence in advancement 1011
pyorrhea alveolaris, surgical treatment 203
röntgen ray in dental practice 937
surgical extraction of teeth 366
Denton, Minna C., pectin extracts for jelly 376
Denunzio, Jos., Fruit Co 552

Page

Denver, Colo.:
pipe 714
ship's bell, etc., of cruiser Denver 39, 392
Denver, U. S. S.:
ship's bell, etc., for Denver, Colo 39, 392
Denver & Rio Grande Western R. R.:
bonds 110
notes 110
rates on—
coal 175
explosives 177
Denver & Salt Lake Ry., control 704
Denver County, Colo., pipe 714
Denver formation flora 106
Denver Rock Drill Manufacturing Co 718
Deoxidation:
effect on properties of steel castings 99, 231
of steel with silicon 609
Departments of Government of United States, *see* Executive Departments.
Dependencia mutua internacional en asuntos económicos 730
Dependent classes, *see* Defective and delinquent classes.
DePodesta, Anthony, relief of widow 392
DePodesta, Laura A., relief 392
De Port, T., test of oleo 939
Deportation:
alien communists, expulsion 632
alien seamen—
hearings 882
minority views of Mr. Free 794
report 794
aliens violating narcotic law—
hearing 521
law 783
report 677
enemy aliens from China to Australia 574
to expedite deportation of aliens—
minority views 632
reports 632, 677
Deported persons from Canal Zone who return thereto 639
Depreciation:
income tax information 582
preliminary rp. of Internal Revenue Bur 748
Depression (business):
prevention of unemployment during—
law 618
reports 503, 504
Depressions and typhoons 90
Derailments, *see* Railroad accidents.
Derham, J. P., Graniteville Manufacturing Co. *vs* 1005
Dermacentor variabilis 1085
Dermatitis exfoliativa 829
Dermatophytes, recent studies 436
DeRouen, René L. (Representative from La.):
report made by—
Public Lands Com 654
Derrick, B. B., cooperative marketing 761
Derrick, N. C., soil survey of Bear Lake Valley area, Idaho 212
Derricks, rates on 902
Deschutes River reservoir-site reserve 571
Designations for sick list admissions 256
Designs:
official gazette 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
registration—
hearings 410, 688
minority views 688
report 688
Desks, wood, standard stock catalogue 745
Des Moines, Iowa, G. A. R. encampment, Army Band to attend 524, 645, 782, 789, 847
Des Moines River:
bridges in—
Iowa 24
Missouri 500, 667, 783
navigation, flood control, etc., rp 1013
Desmond's, clothing 424
Deterioration, manic-depressive psychosis 852
Detroit, Mich.:
address of Frederic A. Tilton in part 348
American Legion convention 504, 524, 782
restitution of employees at post office 492
rivers and harbors in district, rp 587
Union Trust Co. *v.* United States 1060
water supply and weather conditions 379

Page

Detroit & Mackinac Ry., misrouting 905
Detroit River:
charts 142, 1013
lake commerce, 1930 1088
Detroit, Toledo & Ironton R. R.:
abandonment 46, 764
rates on bins 174
Detroit Trust Co., trustee, court case 1009
Detwiler, S. B., currants and gooseberries 287
Deutsche Gold & Silber Scheide Anstalt 121
Devens, Camp, construction 649
Devereaux, W. C., drought in Ohio Valley, etc. 473
Devereux, R. E.:
soil surveys—
Lyon County, Iowa 947
Watauga County, N. C 761
Devils Elbow, chart 605
Devils Lake quadrangle, N. Dak 893
Devine, J. M., petroleum 14
Dewberries, growing 288
Dewey, Edward R., hotels, District of Columbia 476
Dewey decimal classification, radio subjects 391
Dewey Portland Cement Co., cement 1054
Dewhurst, J. Frederic, unemployment in Philadelphia, Apr. 1929 57
DeWitt and Shobe, relief 19
Dewitz, Charles F., relief 19
Dextri-Maltose, rates on 320
De Young, Anthony P., relief 651
Diabetes mellitus in ex-service men 1011, 1086
Diadato, Salvador, soil, St. Lawrence Co., N. Y 948
Diagnosis:
electrocardiography as diagnostic aid 751
see also names of diseases.
Dial, Frank, *v.* United States 910, 984
Diamond, H.:
characteristics of airplane antennas 965
system for blind landing of aircraft 230, 486
Diamond Alkali Co 327, 552, 820
Diaphragm for X-ray ionization chamber 612, 777
Diaphragmatic hernia 274
Diathermy in laryngeal tuberculosis 76
Diatomaceous earth, marine standard 160
Diaz, Salvador Buitrago, *see* Buitrago Diaz, Salvador.
Dice, Marion E., tornado at Vernon, Calif 290
Dick, C. J., Home Insurance Co. *vs* 358
Dickens, Paul D.:
American investments, foreign countries 296
underwriting of foreign securities 772
Dickerman, Charles L., patent appeal 228
Dickey, W. S., Clay Manufacturing Co 1058
Dickinson, L. J. (Representative from Iowa):
reports made by—
Appropriations Com 395
Conference Com 619
Dickinson, W. E., water supply, Colo. R. basin 537
Dickman, Mary R., increase of pension 689
Dickson, James G., barley scab control 216
Dickson, Mary L., relief 663, 778
Dickstein, Samuel (Representative from N. Y.):
minority views—
Immigration and Naturalization Com. 499, 632
Dictating machines, specifications, etc 747
Dictatorship, drift toward 797
Didineis Wesmael, new sphecoid wasps 265
Die-head chasers, waste elimination 17
Diederich, Hunt, art objects 888
Diehl, Walter S.:
absolute ceiling of airplane 828
equations for standard atmosphere 726
standardization tests on airfoil 59
Diehl, William W., conidial fructifications in Balansia and Dothichloe 465, 471
Diet:
adequate, for limited incomes 867
improvement for submarine crews 256
influence on epilepsy 936
skin diseases, importance of diet 366
veterans' hospital dietetic problems 853
vitamins, their source and value 585
see also Food.
Dietz, Leafie E., to sign land patents 570
Dietz, S. M., eradicating buckthorn 376
Diffraction method for fiber diameters 881, 1038

Page

Difructose anhydrides:
and anhydrofructose, individualities 160, 301
crystalline, from hydrolyzed inulin 880, 881, 1038
Digests:
appropriations, 1931, and prior years 578
decisions relating to carriers 245
Federal subsidies for education 106
London Naval Treaty of 1930 71
narcotic laws, court decisions 1010
opinions of judge advocate general, Army 1089
State laws, alcohol, hygiene, and schools 935
see also Index-digests.
Digges, T. G.:
cutting tests with tungsten carbide 99, 230
machinability with shallow lathe cuts 1038
Dill, Clarence C. (Senator from Wash.):
minority views—
Patents Com 688
report made by—
Interstate Commerce Com 681
Dillingham, E., Inc., cotton goods 889
Dillman, Anna D., trustee, court case 1009
Dillman, Arthur C.:
flaxseed production by power farming 288
water requirement of crops and weeds 757, 868
Dillweed, rates on 176
Dime Trust & Safe Deposit Co., exr., David W. Phillips *v* 331, 912, 930, 985
Dimension stock manufacture from hardwoods 949
Dimick, Howard, relief 515, 625, 778
Dinosaurs:
from Two Medicine formation of Montana 356
troödont, from Lance formation 1002
Dioxan vapors, response of guinea pigs 139, 364
Dip, *see* Gums and resins.
Diphtheria toxin-antitoxin and toxoid 139, 364
Diplomatic list 71, 133, 198, 266, 356, 447, 574, 737, 842, 929, 1002, 1078
Diplomatic service, *see* Foreign service.
Dipping, sheep tick eradication 597
Directories:
aeronautics trade directory, 1930 91
Animal Industry Bureau, 1931 946
Army list and directory, 1930–31 141, 275, 586, 939
bird and game protection officials, 1930 211
Congressional directory, 71–3 303, 487, 881
correction of compiler's initial 464
educational directory, 1931 700, 809, 1048
Entomology Bureau field activities 150
foreign directories 876
Forest Service, 1930–31 286, 949
health officers, etc.—
city officers, 1930 364, 749
county officers, 1930 456, 749
State, etc., authorities, 1930 364, 583
Navy directory, 1930–31 125, 343, 727, 993
public employment offices, Dec. 1930 559
Public Health Service, 1930 936
telephone—
Navy Department 125, 726
Panama Canal 731
State Department 448
Treasury Department 845
War Department 141, 752
Washington Navy-Yard 435
trade and industrial schools 533
see also Registers—Rosters.
Directory service postage charge 404
Dirigible balloons, *see* Airships.
Dirzulaitis, J. J.:
surface water supply—
Atlantic, etc., basins 419, 892
Ohio River basin 243, 892
Disabled, *see* Civil service pensions—Foreign service—Rehabilitation of the disabled—Veterans.
Disabled American Veterans of World War:
proceedings of 10th nat. convention 488
proceedings of nat. encampments, to print 689, 790
Disaccharides, occurrence in inulin 302, 484
Disarmament:
London Naval Conference—
proceedings and supp. documents 1002
London Naval Treaty—
digest, with fleet-tonnage tables 71
negotiation papers, Exec. message 68

Disarmament—Continued.
London Naval Treaty—Continued. Page
proposed ratification, Exec. message 68
text of treaty 737
Preparatory Comn. for Disarmament Conference—
report and draft convention 1078
Disbursing officers:
checks, payment 72
National Guard, increased pay 882
National Guard, regulations 856
Discipline of hospital patients 585
Discounts under Federal reserve act 164
Discovery Passage, chart 994
Diseases:
chronic degenerative, rel. of influenza 751
intercurrent, influence upon psychoses 585
nomenclature, instructions for use 436
proposed morbidity reporting area 139, 364, 1010
publications for sale by supt. of docs 808
see also Contagious diseases—Sickness—*also* names and classes of diseases.
Diseases of animals:
cows, udder diseases 283
horses, parasitic diseases 372
poultry diseases and parasites 467, 1021
rabbit parasites and diseases 760
sheep, pathogenicity of Thysanosoma 757, 862
swine ailments, diseases, etc 283
see also names of diseases.
Diseases of plants:
plant pathology 60, 61, 256
seed treatment reduces loss 377
weather influence important 88
see also names of plant diseases, or names of plants affected.
Disinfection and disinfectants:
fumigants 1010
some common disinfectants 1020
stable disinfection 597
see also names of disinfectants.
Dislocation:
at shoulder, operative treatment 76
patella, open reduction 203
Disney, E. K., basilar cavity closure by phrenicotomy 585
Disney, L. P.:
tidal current charts, Boston Harbor 604
tidal current charts, San Francisco Bay 223
Dissertations, American doctoral 827
Dissolved oxygen, nomogram for calculation 1010
Distances between ports, H. O. table 993
Disterdick, Fred L., city smoke and heat effects on minimum temperatures 291
Distillates, petroleum, refining 481
Distinguished Flying Cross, award to Eugene D. Ely 651, 687
Distinguished-Service Medal, granting to Albert B. Randall 505
Distribution census:
reports 475, 476, 604, 768 (2 entries), 769, 873 (3 entries), 874, 954
talks on distribution structure 382
Distribution cost studies 296, 960
District Courts:
clerks, time for bringing suit on bonds 682
in—
Florida, term of court at Orlando 503
Nevada, term of court at Las Vegas 24
Oklahoma, term of court at Ponca City 24
Pennsylvania, term of court at Easton 24
Texas, transfer Willacy County 24
West Virginia, create 3d district 682
judgments rendered—
lists 427, 552, 718
public vessels act 718
waiver of trial by jury 38
see also Judges—*also* names of parties to suits.
District of Columbia 40, 103, 163, 238, 308, 413, 532, 696, 889, 969, 1044
airport, hearings 653
airway map 92
appropriations, 1931—
conference report 30
estimates 741
law 24
District of Columbia—Continued.
appropriations, 1932— Page
estimates 451, 741
hearings 490, 661
law 783
reports 490, 620, 661
Aqueduct Bridge, repairs 586
Army officers stationed in or near 77, 276, 459, 939
barber shops, Sunday closing—
hearings 519, 792
reports 628, 673
bathing pools, operation and maintenance 25
bread, etc., investigation of prices 408
Business High School, use 629
census, 1930—
construction 476
hotels 476
population 92, 603
retail distribution 873
unemployment 382
central composition of National Capital 240
claims, estimates for settlement 696, 741
code of laws 101
conduit across E and F streets sw 628, 673, 783
corporations, amend law rel. to 616
credit unions, incorporation—
hearings 673
reports 629, 673
divisions, etc., of government—
assessor, report, 1930 413
Asylum and Jail, G. B. Pitts *v.* supt 914
Asylum and Jail, L. W. Dodd *v.* supt 427
auditor, report, 1930 413
commissioners, relieving of certain duties 408, 628
commissioners, report, 1930 413
Court of Appeals, additional justices 24
Court of Appeals, calendars 163, 413, 889
Court of Appeals, rule 22 969
Education Bd., election 793
Education Bd., report, 1930 413
Engineer Dept., report, 1930 413
Fire Dept., report, 1930 413
Fire Dept., salaries 24, 393
Health Dept., report, 1930 414
Insurance Dept., report, 1930 414
Juvenile Ct., report, 1930 532
Playgrounds Dept., report, 1930 414
Police Dept., report, 1930 414
Police Dept., salaries 24, 393
Public Library, branch in Georgetown 629
Public Library, report, 1930 414
Public Utilities Comn., rp., 1929 163
Public Welfare Bd., report, 1930 414
Supreme Ct., additional justices 24
Supreme Ct., packers' consent decree 796
tax collector, report, 1930 413
traffic director, report, 1930 414
Vehicles and Traffic Dept., estimate 741
Weights, etc., Dept., report, 1930 414
employees—
civil serv. registers for vacancies 444
official register, 1930 222
part-time, compensate injury to 630
payment for Mar. 4, 1929 30
employees of U. S. appointed since 1918 474
experiments upon living dogs, to prohibit—
hearings 161, 793
minority views 398
report 31
finances, report, 1930 413
fiscal relations with U. S., sum for com 489
funds transferred to Water Dept., etc 25
George Washington Memorial Parkway—
hearings 653
minority views 653
reports 653, 674
grade crossing at Michigan avenue 616
housing, bibliography 563
insurance—
code of law, hearings 31, 793
legal reserve, hearings 793
legal reserve, report 629
regulation of industrial insurance 520
Iowa circle, to change name 393
land—
condemnation for municipal purposes 674
for enlarging Capitol grounds 24, 653, 690, 783
for use of United States 408, 496
transfer to Howard University 496, 674, 784

District of Columbia—Continued. Page
legal holiday on July 5, 1930 30
loans of $300 or less, regulation—
hearings 673
minority views 629
reports 496, 674
memorials—
to dead of 2d Division, A. E. F. 644, 789, 801
see also name of memorial or name of person in whose honor memorial is erected.
military roads, policing 32
mortgages, etc., to regulate foreclosure—
hearing 674, 793
report 674
municipal center, estimate 578
Naval Hospital, public works 688, 786
Navy and Marine Corps officers in D. C 343
Pennsylvania memorial fountain 30
plant movement, rules and regulations 951
post office building, extend, remodel, etc.—
conference report 31
law 24
postal service—
mail routes, schedules 130, 263, 350, 570, 836, 999, 1073
post route map 733
prohibition enforcement 520
public buildings program 240
public utility companies, reports, 1930 796
public works, wages of laborers, etc.—
hearings 643, 683
law 785
reports 643, 683
real estate brokers and salesmen—
hearings 793
report 629
real estate investigation—
hearings 674
report 674
reports and plans, Washington region 563
rivers and harbors in district, report 587
school children—
food for, hearings 793
food for, report 628
hearing measured by audiometer 75
reduced fare, hearing 408
reduced fare, law 783
reduced fare, reports 408, 620
school teachers—
leave for educ. improvement, hearings 793
leave for educ. improvement, reports 37, 630
retirement 630
salaries of vocational teachers, hearings 793
salaries of vocational teachers, report 630
securities in D. C., fraud prevention—
hearings 674, 793
report 674
signs, to regulate erection, etc.—
law 788
reports 497, 620, 629
statues, *see* name of person in whose honor statue is erected.
streets—
changing name of B st. nw., hearing 629
changing name of B st. nw., law 790
changing name of B st. nw., reports 620, 630, 674
closing certain streets in Reno sec 25
closing portion of upper Water st 629
from Union Station to Pa. ave., name 620, 790
paving assessments, hearing 520
paving assessments, law 783
paving assessments, reports 497, 520
useless, etc., D. C. comnrs. to close 497, 520
widening Piney Branch road 497, 616, 675
widening Wisconsin avenue 616
structures in Potomac River 31
suit of Globe Indemnity Co 496, 614
taxicab owners, financial responsibility 31
traffic acts, to amend—
hearings 630
law 783
reports 497, 520, 620
tuberculosis sanatorium, construction 630, 675
Washington, the National Capital, print 690
Washington Aqueduct and filtration plant 586
water for fires in adjacent communities 524
water mains, connect with those in Md 24

District of Columbia—Continued. Page
water supply, increasing 586
see also names of associations, conferences, etc.
District of Columbia Commission for George Washington Bicentennial:
funds for use—
estimate 741
law 783
reports 629, 673
District of Columbia Committee, House:
calendar 304, 398, 628, 792
hearings 31, 629–630, 792–793
minority views 398, 629
reports 31, 496–497, 628–630
District of Columbia Committee, Senate:
calendar 233, 520, 673, 884
hearings 161, 408, 519–520, 673–674
reports 37, 408, 520, 673–675
District of Columbia George Washington Bicentennial Commission, *see* District of Columbia Commission for George Washington Bicentennial.
Dithioethylamine in diet of white rat 1010
Diverticula:
bladder diverticula and surgical removal 852
esophagus diverticulum 937
Divorce:
census report, 1928 11
census report, 1929 873
Dixie Pecan Growers Exchange, Inc 239
Dixie Sales Co., Inc 48
Dixon, H. B., milling and baking qualities of wheats 283
Dixon, William M., statement 882
Dnieper River, flow 870
Doak, William N., *see* Labor Department.
Dobbin, C. E.:
Forsyth coal field, Montana 106
Wyoming coal fields 609
Doctoral dissertations, *see* Dissertations.
Document catalogue, 67th Congress 534
Document Room, House of Representatives, temporary janitor's compensation 394
Documented vessels, *see* Merchant marine.
Documents, *see* Congressional documents—Government publications.
Documents (marine), *see* Marine documents.
Documents Division, Library of Congress 58, 125, 190, 255, 434, 562, 828, 991
Documents Office 42, 105, 165, 240, 311, 417, 534, 699, 808, 890, 971, 1047
Dodd, Lawrence W., *v.* superintendent of Washington Asylum and Jail 427
Dodd, Wilburn C., *v.* United States 39, 411
Dodge, Anna T., *see* Dillman, Anna D.
Dodge, B. O., diseases of raspberries, etc 289
Dodge, Horace E., case of trustees 1009
Dodge, John F., case of trustees 1009
Dodge, John S., relief 646
Dodge, Matilda R., *see* Wilson, Matilda R.
Dodge City & Cimarron Valley Ry., bond 897
Dodge Company, furniture 979
Dodge County Lumber Co., railroad ties 117
Dodger series, Children's Bureau 723
Dodson, W. R., soybeans valuable for silage 5
Dodson, William, alias, *see* Dotson, Seymour H.
Dog tick, Rocky Mt. spotted fever transmission 1085
Dogs:
anemia produced by feeding onions 138
experiments upon, to prohibit in D. C.—
hearings 161, 793
minority views 398
report 31
fights in Canal Zone, prohibiting 640
sheep-killing dogs 85
Dohany, Frank H., *vs.* highway comnr. for Mich 358
Doherty, Harry L., patent appeal 482
Dohs, Francis, relief 409
Dollar, purchasing power, 1913–29 189
Dolomite, rates on 903, 979
Dombris, Norman, relief 684, 778
Dome of Natural History Building 612, 776
Domeratzky, Louis, international cartel, 1930 771
Domestic animals, *see* Animals.
Domestic Coke Corporation, coal 248
Domestic Commerce Division 225, 296, 386, 608, 877
Domestic Hardwoods, Inc., lumber 546
Domestic Regional Division 607, 877

Page

Domhoff and Joyce Co. 553
Dominica, money-order post offices 129
Dominican Republic:
birds 928
foreign trade for 1929 128
hurricane of Sept. 1-5, 1930—
article in Monthly weather review 379
relief in Santo Domingo 436
prehistoric kitchen-middens, etc. 840
Dominick-Lauter water analysis (2 entries) 1066
Donahue, John, relief 526, 651, 778
Donnan, F. G., mystery of life 354
Doors:
bolts and catches for ship doors 301
rates on 319
Dopes and dope room requirements 459
Dorman, J. E., cow tester's handbook 213
Dormer Co., salt 715
Dorset, M.:
hog cholera 149
some common disinfectants 1020
Dorseyville Telephone Co., acquisition 976
Dothan Guano Co., fertilizers 710
Dothiclloe, conidial fructifications 465, 471
Dotson, Seymour H., relief 646
Douglas, Edward M., boundaries, etc., of U. S. 313
Douglas, Lewis W. (Representative from Ariz.):
reports made by—
Military Affairs Com. 645–649
Douglas, Robert, patent appeal 610
Douglas County, Nebr., bridge 617, 637, 670, 786
Douglas County Light and Water Co. 186, 327
Douglas fir:
el pino Douglas Americano y sus usos 225
yield in Pacific Northwest 286
yields of immature forests 371, 375
Douglas XO-14 airplane, *see* Airplanes.
Douglass, Stephen W., relief 19
Dove, W. E., horse bots and their control 865
Dover & South Bound R. R., abandonment 704
Dover Patrol, memorial in Ft. Hamilton Park 789
Dowdell, R. L.:
bearing bronzes 99, 230
overreduced condition in molten steel 302, 486
tensile properties of alloy steels 612, 776
tensile properties of steel castings 99, 231
Dowling, G. B., dermatophytes, recent studies 436
Downer, H. G., trustee, United States *versus* 326
Downs, Lawrence A., railroads and unemployment 767
Downs, The, chart 832
Doxey, Wall (Representative from Miss.):
reports made by—
Claims Com. 495, 623–625, 628
Doyle, John T., relief 499, 521, 778
Doyle, Joseph D., patent appeal 610
Doyle, L. P., urinary calculi in sheep 861, 945
Doyle, Margaret, relief 499, 522, 778
Doyle, R. E., spastic tetraplegia 585
Doyle-Barnes Co., bananas 112
Drackett Chemical Co., drain pipe solvent 903
Draft horses, breeds 372
Drafting supplies, specifications, etc. 582
Drafts, acceptance by member banks 41
Drag (aircraft):
minimum induced, distribution of lift 125, 1064
with cowling for whirlwind engine 59
Drag-line machines, rates on 424, 903
Drain pipe solvent, rates on 903
Drain-tiles, rates on 248
Drainage:
farm drainage 600
irrigated farms 951
publications for sale by supt. of docs. 972
Drainage districts:
economic status in the South, 1926 217
loans for relief—
hearings 402, 405, 656
reports 402
organization, financing, etc. 868
Drake quadrangle, N. Dak. 167
Dramatic compositions:
copyrighted 58, 124, 255, 562, 827, 918, 991
copyrighted, index, etc., 1930 991
Drane, Herbert J. (Representative from Fla.):
reports made by—
Naval Affairs Com. 506, 508, 651
Draper, Claude L., quo warranto proceedings 523
see also Federal Power Commission.

Page

Drawback:
exportation, amendment of regulations 582
on sugars and sirups, regulations 362
Drawings:
copyrighted 58, 255, 562, 918, 1063
copyrighted, index, etc., 1930 918
Dredging machinery, rates on 544
Dresden, Germany, International Hygiene Exhibition 25, 793, 829
Dresslar, Fletcher B., rural schoolhouses 242
Drewes, George, jr., soil, Washington Co., Ohio 284
Drexler, Henry C., Medal of Honor 651, 687
Dried peas, *see* Peas.
Drift toward dictatorship 797
Drill injury from dusted grain 8
Drinking fountains, sanitary design 584
Drinking water, *see* Water.
Droop, E. F., & Sons Co. *v* United States 984
Drought:
great drought of 1930 379, 473
handling livestock 211
honestead lands, excuse from residence 512, 654
how boys and girls can help 891
in Ohio Valley 473
loans for farmers in drought areas—
acts of Congress 393, 488, 790
committee hearings 395, 406, 491, 513
committee reports and minority views 393, 395, 405, 488, 491, 510, 512
estimate 578
how can I get a loan? 465, 595, 757
preliminary instructions 758
regulations 465, 466, 758, 1019
relief appropriation information 757
relief work—
amendments to H. R. 14675, hearings 491
amendments to H. R. 14675, report 491
La Follette resolution 513
wheat surplus for relief purposes—
hearing 406
report 513
Drought Relief Committee, *see* National Drought Relief Committee.
Drug addiction, *see* Narcotics.
Drugs:
food and drugs act—
administration, hearings 405
amendment 215, 763, 948
notices of judgment 7, 87, 151, 215, 286, 375, 469, 599, 762, 866, 948, 1023
notices of judgment, index 469
regulations for enforcement 375
work of Food and Drug Administration 469
imported, tested at ports 214
plants under cultivation 288
publications for sale by supt. of docs. 808
specifications, etc. 582
standard stock catalogue 135
veterinary, labels should be studied 215
see also Materia medica—Narcotics—*also* names of drugs.
Drums (containers):
rates on 114, 709, 710
Dry cells, *see* Electric batteries.
Dry cleaning solvent, Federal standard stock catalogue 933
Dry goods:
distribution, in Gulf Southwest 607
distribution, wholesale problems 296
specifications, etc. 137, 362, 747, 748, 1009
Dry Ice Corporation of America 1004
Dry-kiln trucks, rates on 1055
Dry-kilns, rates on 115, 815
Dry-land gardening at Mandan, N. Dak. 1025
Dry Tortugas, trawling for crustaceans 840
Dryden, Hugh L.:
aerodynamic characteristics of airfoils 59, 562
measurement of air speed fluctuations 59
propeller fan characteristics 17, 99, 775, 965
turbulence in wind tunnel measurements 1064
wind pressure on chimneys 160, 303
wind pressure on mill building model 881, 1039
Drying, effect on vitamin content of prunes and apricots 595, 758
Dubilier Condenser Corporation 327
Dubois, Chester N., wheat classes, distribution 765

Page

Duborg, Maude L., relief 19
Duck Creek administrative site 1075
Duck foods:
eleven important wild-duck foods 760
wild-duck foods of N. Dakota lakes 760
errata 947
Duck Valley Reservation 634, 679, 787
Dudley Bar Co., steel 548
Duemler, Virgil E., patent appeal 389
Duff, John, intravenous urography 256
Duffin, James R., *v.* Robert H. Lucas 820
Dugan, Cornelius, relief 687
Du Hamel, Notley Y., Charleston, S.C., dist., rp. 587
Duke Power Co 52
Dukes County, Mass., soil survey 85
Dulaney, John W., bridge 794
Duluth, Minn.:
marine commerce, statistical rp 854
rivers and harbors in district, rp 587
Duluth & Iron Range R. R., excess income 538
Duluth Hide & Fur Co., freight rates 710
Duluth, South Shore & Atlantic Ry.:
abandonment 541
rates on excelsior bolts 544
Dumanquilas Bay, chart 769
Dumestre, Mrs. J. O., Australian lady beetle 147, 150
DuMez, A. G., addiction of animals to opiates 851, 1085
Dunbar, James, alias, *see* Hudson, James M.
Duncan, Charles E., *v.* comnr. of internal revenue 553
Duncan, Robert G., *v.* United States 984
Dundas, Muriel H. Wurts-, *see* Wurts-Dundas, Muriel H.
Dundee Docks, chart 922
Dunham, Fred N., relief 492
Dunkirk, N. Y., land for street purposes 25
Dunlap, Edward C., relief 392
Dunlop, J. P.:
gold and silver in 1928 298
gold, silver, etc., in Eastern States, 1929 298
secondary metals in 1929 609
silver, copper, etc., in Central States 481
Dunmore, F. W., blind landing of aircraft 230, 486
Dunnewald, T. J., soil of Sauk County, Wis 150
Duplicating machines, specifications, etc 747
Dupo Bridge Co., bridge 27
Du Pont, Amelia E., estate tax refund to exr 515
Du Pont de Nemours, E. I., & Co., Inc.:
Chile saltpeter 981
Farbwerke, etc., *v* 121
freight rates on—
boxes 814, 1053
explosives 177
wood flour 549
Duquesne Steel Foundry Co 327, 820
Durand, W. F., distribution of lift over span for induced drag 125, 1064
Durfee, B. M. C., Trust Co., gdn., *v.* U. S 911
Durham, N.C., Amer. Historical Assoc. meeting 737
Dust-fuels, standard stock catalogue 579
Dust fungicides:
blueberry maggots, dusting for control 86
small grain flow through drills, rel. to 8
Dustin, Forrest, Fed. Trade Comn. rp., etc 807
Dutch Borneo, birds from islands off coast 265
Dutch elm disease 950
Dutch Guiana, *see* Surinam.
Dutch Harbor, chart 606
Dutton, W. M., & Sons Co. *v.* United States 102, 427, 887, 1060
Duty, *see* Tariff.
Dvorachek, H. E., beef production 211
Dwellings:
care and repair of the house 880
same, descriptive circular, with title, your home! is it in perfect repair? 880
how to judge a house 474
light frame construction 414
modernizing the home, suggestions 871
repairs and improvements, suggestions 484
you can make it for the cottage 11
Dworack, Charles W., relief 625
Dye-tubs, rates on 710
Dyeing, *see* Dyes and dyeing.
Dyer, Horace T., patent appeal 299
Dyer, R. E.:
Rocky Mt. spotted fever, eastern type 1085
Rocky Mt. spotted fever in the East 750, 1010

Page

Dyer, R. E.—Continued.
typhus fever, virus from rat fleas 750, 936
typhus-Rocky Mt. spotted fever group 750, 1085
Dyer quadrangle, Ill.-Ind 107
Dyes and dyeing:
adsorption of anions by soil colloids 209, 212
census, 1929, dyes 268
wages, etc., in textile dyeing 1062
Dykes, Henry A., agranulocytic angina 1011
Dysentery, bacillary, epidemic in U. S. Fleet 436
Dystrophic skin changes and hypothyroidism 1011

E

E-Z Opener Bag Co., wood-pulp 818
Eagan, John J., case of executors 327
Eagle-Ottawa Leather Co., hides 178
Earl, Guy C., comnr. of internal revenue *vs* 358
Earle, Edward, to correct naval record 778
Earle, W. R., fibroblasts 273, 850
Early, Thomas A., receiver, *vs.* Federal Reserve Bank of Richmond 358
Early man, *see* Man.
Earnshaw, Frank L.:
game laws for season 1930–31 211, 373
open seasons for game, 1930–31 85
Earth, X-raying 354
see also Terrestrial arcs—Terrestrial magnetism—World.
Earth walls for buildings 8, 1026
Earthquakes:
earthquake seamanship 192
seismological investigations, 1927–30 93
seismological reports, 1927 384, 605
United States, 1928 294
United States, 1929 959
Earthworks, prehistoric Santo Domingan 840
Easlick, Sylvester J., relief 19
East (Far East), *see* Far East.
East (U. S.):
corn earworm as enemy of field corn 598
gold, silver, copper, lead, and zinc 298
motorways to and through nat. forests 1024
Rocky Mountain spotted fever 750, 1010, 1085
spring, relation to winter in Manitoba 153
strawberry culture 950
surface irrigation 153
typhus-Rocky Mt. spotted fever group 750, 1085
winter wheat culture 217
winter wheat varieties 765
see also Northeast (U. S.).
East Africa, *see* Africa.
East Chicago, Ind., bridge 37, 393
East Freetown Saw Mill Co., lumber 904
East Greenland-Bartlett Expedition, 1930 995
East Indies, *see* Malay Archipelago.
East Jersey Railroad & Terminal Co 904
East London, Union of South Africa, chart 344
East Ohio Gas Co. *vs.* Ohio Tax Commission 1005
East Orange, N. J., venereal disease 456
East River, chart 94, 385
East Scheldt River, *see* Scheldt River.
Eastern Archipelago, *see* Malay Archipelago.
Eastern Cherokee Indians, *see* Cherokee Indians.
Eastern Dispensary and Casualty Hospital 629, 673
Eastern Guide Trading Co., pianos 353
Eastern National Forest Region 7, 286, 1024
Eastern States, *see* East (U. S.)—Northeast (U. S.).
Eastern Steamship Lines, Inc., figs 1055
Eastern Tanners Glue Co.:
fleshings 710
glue-stock 1056
Eastman Kodak Co., cotton 113
Easton, C., oscillations of temperature 871
Easton, Pa., term of court 24
Easton & South Cambridge Telephone Co 704
Eaton, Charles W., relief 651
Eaton, Frank M., early defloration method of increasing cotton yield 861, 949
Eaton, Orson N., growth in guinea pigs 596
Eaton, William R. (Representative from Colo.):
reports made by—
Public Lands Com 509–510, 654

Page

Eavenson, Howard N., *v.* comnr. of internal revenue 820
Ebert, E. C., psychogenic amblyopia 1066
Eby, Harry, Shoe Co., Inc., *see* Eby Shoe Co., Inc.
Eby, J. B., Meeker quadrangle, Colo 106
Eby Shoe Co., Inc., *v.* United States 306
Eckert, A. James, *v.* comnr. of internal revenue 186, 820, 821, 931
Eckles, C. H.:
calcium ratio in bones of cattle 595, 757
nutrient requirements for dairy cattle 1019
nutrients used for maintenance by cattle 1019
Eclipse, total, of the sun, Aug. 31, 1932 1069
Economic circular, Fisheries Bureau 94, 770, 875
Economic councils:
national economic councils 560
national economic councils, references 990
Economic geology, *see* Geology.
Economic paper, Mines Bureau 227, 609
Economics:
dependencia mutua internacional en asuntos económicos 730
same (in Portuguese) 996
Economy Concrete Co. of Va., Inc 322
Ecuador:
el centenario de la República del Ecuador 193
independence, Pan American Union bulletin 128
same (in Spanish) 128
plague 202 (2 entries), 364, 583
Eddins, William E., patent appeal 879
Eder, George J.:
employment in Latin America 877
Latin American price situation 608
our Latin American trade 14
Edgar, W. H., & Son, sugar 118
Edgar, William F., bequest 646
Edgartown Harbor, chart 385
Edge, Sarah E., relief 19
Edgerly, J. W., & Co., denatured alcohol 900
Edgerton, C. W., bacterial stripe diseases of sugarcane 147, 148
Edgerton Manufacturing Co., baskets 706, 900
Edgington, Glen, soil colloidal material 468
Edinburg, Pa., bridge 501, 668, 785
Edisto River, flood control 631, 793
Edler, George C., seed marketing hints 596
Edmundson, W. C., effect of irrigation water on seed potatoes 377
Edson, Margaret M., *vs.* comnr. of internal rev 52
Education:
adult education—
activities during 1926–28 241
biennial survey, 1928–30 1047
college, etc., extension helps 105
as estatisticas e o pensamento educativo moderno 567
biennial survey, 1926–28 241
biennial survey, 1928–30, advance pages 809 (3 entries), 891 (3 entries) 972, 1047 (2 entries), 1048
crippled children 241
directory, 1931 700, 809, 1048
educational boards and foundations 241, 809
el nuevo programa educativo de Chile 346
exceptional children 1047
Federal subsidies, legislation 106
la educación pública en el Perú 65
legislation, review 241, 972
national ministries 165
Pan American Union series—
education series 1070
serie sobre educação 128, 261, 567, 996
serie sobre educación 65, 194, 346, 439, 730, 923, 996, 1071
parent education 241
publications—
current publications 241, 312, 809, 1048
for sale by supt. of documents 972
of Education Office 241, 242, 536
research studies, 1928–29, bibliography 312
rural education 241
statistical summary, 1927–28 241
superintending public education 536

Page

Education—Continued.
see also Commercial education—Compulsory education—Elementary education—Mental tests—Military education—Naval education—Religious education—Schools, and references — Secondary education — Technical education—Vocational education—*also* special subject, e. g. Agriculture.
Education and Labor Committee, Senate:
calendar 884
hearings 675, 800
reports 675
Education Association, *see* National Education Association of United States.
Education Board, District of Columbia:
election 793
report, 1930 413
Education Committee, House:
hearings 101, 398, 793
reports 398, 630, 793
Education Departments of States, *see* names of States.
Education in Haiti, Commission on, *see* Haiti, Commission on Education in.
Education Office 43, 105, 165, 241, 312, 418, 535, 700, 809, 891, 972, 1047
duties, history and publications 1048
natives of Alaska—
estimate for education, 1931 742
work during 1926–28 241
publications—
available 242
of interest to high-school teachers 241
recent 536
report, 1930 313
see also Cooper, William J.
Educational associations, directory, 1931 809
Educational boards and foundations:
biennial surveys 241, 809
directory, 1931 809
Educational periodicals, directory, 1931 809
Edwards, Alba M., occupation classification 293
Edwards, Everett E., bibliography of history of agriculture in United States 282
Edwards, James H.:
compressive tests of jointed columns 612, 775
stress in welded steel pedestals 230, 486
tests of bases for subway columns 160, 301
welded shelf-angle connections 230, 391
Edwards, M. J.:
soil surveys—
Manitowoc County, Wis 947
Sauk County, Wis 150
Edwards, Thomas C., relief 779, 798
Edwards Manufacturing Co., steel 321
Edwards-Slaughter Co., Inc 1004
Eel River Beach Club, intake pipe 392
Eells, Walter C., junior colleges, bibliography 43
Efficiency Bureau 414
report, Nov. 1929–Oct. 1930 414
Egan, Edward R., relief 19
Egerton, K. A. H., unemployment insurance of Great Britain 724, 725
Egg-case carriers, rates on 1055
Egg cases:
construction and packing 148
rates on 1055
Egg Harbor City Telephone Co 171
Eggenschwiler, C. E., bearing bronzes 99, 230
Eggers Pole & Supply Co., lumber 116
Eggleston, W. W., linum neomexicanum 371, 471
Eggs:
at any meal 1024
duty, proclamation increasing rate 1074
rates on 319
Egler, Andrew G., patent appeal 773
Egli, Clara, map accessions, Library of Cong 59
Egypt:
abusive use of narcotic drugs 139
chart 921
claim of George J. Salem, arbitration 576, 632, 677, 882
commercial agreement with U. S 199
water colors by Henry Bacon 840

Page

Egyptian Gem Co. 807
Egyptian Tie & Timber Co. 546
Eichelberger, Edward G., Yugoslav market for farm equipment 1035
Eichendorf, W. L., bridge 501, 617
Eichlin, C. G., heating curves of glass 880
Einstein, Sol, patent appeal 299
Eisendrath, Amy K., *v.* United States 236
Eisenhower, Milton S.:
growth, etc., of Agriculture Department 152
new credit for farmers 862
yearbook of agriculture 946
see also Information Office, Agriculture Dept.
Eisenstaedt, J. E., bladder diverticula 852
Elam, Harvey J., *v.* comnr. of internal revenue 186
Elastic shoe goring, elimination of waste 231
Elaterite disposition in Utah 509, 691
Elbe River, charts 126, 1067
Elberton Quarries, Inc., masts 546
Elbow Passage, chart 12
Elbowoods, N. Dak., bridge 637, 670, 786
Elcock, Harry A., seed from sugar beets 764
Elder Manufacturing Co., cotton goods 176
Eldorado & Santa Fe Ry. bond 976
El Dorado quadrangle, Ark.-La 107
Eldridge, Russell J., labor camps 189
Eldridge, Watson W., treatment of paresis with malaria 108
Election of President, Vice President, and Representatives Committee, House:
report 630
Elections, documents and debates rel. to 809
see also Campaign expenditures—Contested elections.
Elections Committee No. 1, House:
hearings 497
report 398
Elections, Congressional, Select Committee to Investigate, House, *see* Congressional Elections, Select Committee to Investigate, House.
Electric apparatus and appliances:
electric propulsion installations 435
markets—
British, for domestic appliances 296
Netherland East Indies 225
Union of South Africa 225
specifications, etc 747
see also name of special apparatus or appliance.
Electric batteries:
packaging of flash-light batteries 612
specifications, dry cells and batteries 484
see also Storage batteries.
Electric cauterization in tuberculosis 76
Electric circuit-breakers, rates on 176
Electric currents:
assignment of frequencies to Government radio stations 1076
effect of radio current on health 1066
in treatment of skin in herpes zoster 1086
measurement of small charges 964
methods of measuring frequencies 99, 160, 230, 302
pipe-line currents and soil 880, 1039
units used to express wave lengths 484
Electric frequencies, *see* Electric currents.
Electric generating plants, rates on 248
Electric industries, census, 1927 221, 603
Electric lamps:
color comparator, incandescent lamps 302, 484
mine lamps, permissible 297
specifications, etc 74, 849
standard stock catalogue 361 (4 entries), 1083 (2 entries)
Electric light, central stations, census, 1927 221
Electric machinery, *see* Electric apparatus and appliances.
Electric motors, rates on 176
Electric power:
interstate movement, F.T.C. report 698
irrigation project revenues, disposition 642
report of Federal Trade Commission 104, 239, 416, 971
sale on Grand Valley irrigation project 503, 681, 784
sold to Alabama Power Co 458

Page

Electric power plants, census, 1927 221
Electric railroads, census, 1927 603
see also Street-railroads—*also* names of railroads.
Electric resistance:
contacts between nuts and bolts 160, 390
precision resistance standard design 99, 230
Electric switches, rates on 710
Electrical, *see* Electricity—*also* certain headings beginning Electric.
Electrical Equipment Division 225, 480
Electricity:
publications for sale 891
rubber under water, electrical change 160, 303
see also Static electricity—*also* certain headings beginning Electric—Electro.
Electrocardiography:
article on 203
as diagnostic aid 751
Electrodes:
carbon, Fed. standard stock catalogue 201
chloroplatinate-chloroplatinite 160, 301
glass, measurement of pH of blood 203, 456
Electrolytic oxidation of sugars 1038
Electromagnetism:
rocks, electromagnetic absorption 772
units used to express wave lengths 484
Electrons:
equilibria in biological systems 203, 456
Geiger tube electron counter 17, 98
radiation from metals bombarded by 880, 1039
Electrotypes, dimensional changes 964
Electrotyping:
copper electrotyping 160
copper solutions, addition agents 160, 301
Elementary education:
age-grade study of pupils 106
directory of school systems, 1931 700
kindergarten-primary education, study 418
nursery-kindergarten-primary education 241
promote in rural areas of U. S 675
teachers' guide to child development 418
teaching of reading, manual for teachers 973
Elephant Bay, chart 191
Elephant Butte Dam, Rio Grande project 421
Elephant Butte Irrigation District 523, 642, 790
Elevators, *see* Grain elevators.
Eleven Points River, bridge in Missouri 636, 667, 783
Elgin, Joliet & Eastern Ry.:
acquisition 897
rates on—
bricks 543
ice 711
United States *v* 52, 327
Elias, G., & Bro., Inc 625, 663, 779
Elias, Joseph, & Co., Inc 427
Eliason, Edward, *vs.* Charles Wilborn, etc 200
Eliason, Elin, *vs.* Charles Wilborn, etc 200
Elimination of industrial waste, simplified practice recommendations 17, 160, 161, 231, 301, 302, 390, 391, 484, 485, 612, 775, 776, 881, 964, 965, 966, 1038, 1039
Eliot, Charles B., petroleum industry of Gulf Southwest 877
Elizabeth River, chart 478
Elizabeth Southern Ry 171
Elizabeth Sprague Coolidge Foundation 918
Elk Hills oil field topographic map 420
Elk River:
construction of bridge in Tennessee 400, 406, 616
old stone bridge commemoration 23
Elko, Nev., Indian village 408, 616
Elko County, Nev., sale of lands 789
Elko Lamoille Power Co 1060
Ellenberger, W. P., cattle-fever ticks 148
Ellicott, V. L., psittacosis in Maryland 936, 1085
Elliott, Charles G., jr., *v.* United States (cases 141–154) 53, 821
Elliott, Charlotte, bacterial streak disease 8
Elliott, Edna M., *v.* United States (cases 141–154) 53, 821
Elliott, Lulu M., *v.* United States (cases 141–154) 53, 821
Elliott, Malcolm, Juneau, Alaska, district, rp 588

Page

Elliott, Richard N. (Representative from Ind.):
reports made by—
Conference Com. 31, 621
Public Buildings and Grounds Com. 404, 508, 653
Territories Com. 34
Ellis, Abraham M., *v.* United States 186
Ellis, Buford E., relief 19
Ellis, J. H., soil of Wadena Co., Minn. 761
Ellis, Lockwood B., patent appeal 158
Ellis, Marion D., fresh-water mussels 606
Ellis, Max M., blood of fresh-water mussels 606
Ellis, William J., State institutions 872
Ellison, Frank, relief 20
Ellison, W. A., progressive bulbar palsy 585
Ellsworth, C. E.:
surface water supply—
Gulf of Mexico basins 243
Mississippi River basin 243
Elm disease 950
Elmhirst, Dorothy W., exrx., U. S. *vs* 72
Elmira & Lake Ontario R. R. 704
Elmore, A. C., relief 19
El Paso, Tex.:
census of distribution, retail, wholesale 476
Freight Bureau—
cotton goods 319
potatoes 1057
El Paso & Southwestern R. R. 897
El Paso County Water Improvement District 1 523, 642, 790
El Salvador, *see* Salvador.
Elsinoe:
cause of lima-bean scab 595, 764
cause of scab of Canavalia 595, 764
Elsworth, R. H.:
cooperative marketing, etc., 1920–30 148
miscellaneous agricultural statistics 84
Elvin, R. C., blackboards 112
Elvove, E.:
assay of antineuritic vitamin 936, 1085
ginger paralysis, in California 1010
ginger paralysis, studies of cause 75, 273 (2 entries), 749
phenol esters 273, 749
Elwell, J. Ambrose, soil, Wadena Co., Minn. 761
Ely, Eugene D., Distinguished Flying Cross 651, 687
Ely, Richard S., Fed. Trade Comn. decisions 239, 1045
Ely, Nev., land for Indian colony, etc. 25
Embassies, *see* Foreign service.
Emergency Board (Louisiana & Arkansas Ry., 1931) 1000
Emergency Committee for Employment, *see* President's Emergency Committee for Employment.
Emergency officers' retired list:
officers employed or not by Veterans' Bur. 882
to amend act 675
Emerson, Thomas H., *v.* United States 102, 186, 327
Emery, G. C., hospital in treatment of tuberculosis 937
Emigrant Cherokee Indians, *see* Cherokee Indians.
Eminent domain:
condemnation laws, compilation 966
sites for public works, possession, etc. 403, 523, 784
Emlenton, Pa., bridge 500, 666, 782
Emley, W. E., insulating board from cornstalks 390
Emotions:
article on 140
in psychotic patients, study 366
Empire & Southeastern Ry., court case 316
Empire Steel Co. 187
Employees, *see* Government officials and employees—Industry—Labor—Railroad employees—*also* certain headings beginning Employment—Industrial—*also* names of Departments, bureaus, etc., where employed.
Employees' Compensation Commission 103, 163, 414
report, 1930 414

Page

Employers' liability and workmen's compensation:
legislation of Latin America 561, 724
longshoremen's compensation act opinions 103
medical facilities for Govt. employees 103
part-time employees in D. C. 630
publications for sale by supt. of docs. 699
see also Employees' Compensation Commission.
Employment agencies:
activities of State, etc., services 57, 123, 189, 253, 340, 432, 559, 723, 826, 916, 989
directory of public employment offices 559
national employment system, to establish 656
public employment service, D. C., estimate 741
public employment services 560, 724
Employment and unemployment:
age and employability 560
Americans in Latin America, employment 877
appropriations for public works—
estimate 451
hearing 396
law 393
reports 393, 394, 396
boot and shoe industry, stabilization of employment 560
census of unemployment in States—
Alabama 767
Arizona 954
Arkansas 603
Colorado 954
Connecticut 955
Delaware 292
District of Columbia 382
Georgia 955
Idaho 955
Indiana 1030
Iowa 873
Kansas 955
Maine 873
Maryland 956
Michigan 956
Minnesota 1030
Mississippi 956
Montana 956
Nebraska 874
Nevada 956
New Mexico 957
North Carolina 957
North Dakota 957
Oregon 957
South Dakota 957
Utah 958
Vermont 476
West Virginia 958
Wisconsin 1031
Wyoming 959
coding unemployment census schedule 93, 476
employment and unemployment series 57, 1062
foreign countries, unemployment 826
home gardens for employment 927
in—
Bloomington, unemployment 57
Boston, unemployed applying for work 189
Buffalo, N. Y., unemployment (2 entries) 560
Cincinnati, unemployment 57
Minneapolis, handicapped persons 41
Ohio, automobile manufacturing (2) 57
Ohio, fluctuation in 1929, etc. 340, 432
Ohio, mining and quarrying 124, 189
Ohio, organization for employment 300
Philadelphia, unemployment (2 entries) 57
industrial employment information bulletin 57, 123, 189, 253, 340, 432, 559, 724, 826, 917, 989, 1062
industrial policies, reduced employment 571
industry seeks a solution 767
institutional construction 872
male and female workers 57
Metropolitan Life Insurance Co. survey 571, 826
national employment system, to establish 656
prevention of unemployment—
law 618
reports 503, 504

Page

Employment and unemployment—Continued.
radio industry, employment fluctuation 917
railroad employment decrease 560
regularization of employment, bibl 603
relief work—
amendments to H. R. 14675, hearings 491
amendments to H. R. 14675, report 491
La Follette resolution, hearings 513
La Follette resolution, report 513
various relief measures, hearing 882
retail establishments, stabilization 871
spotty character in mfg. industries 826
spreading work in industrial employment 767
statistics, collection, etc., by Labor Dept 26
survey of unemployment relief in industry 445
technological unemployment 1062
transcription of items for 15th census 155
trend of employment and labor turnover 57, 123, 189, 253, 254, 432, 560, 724, 826, 917, 990, 1062.
unemployment and business stability 953
unemployment benefits, etc., in U. S. (2 entries) 826
unemployment in U. S., hearings 32
see also Advisory Committee on Employment Statistics—President's Emergency Committee for Employment.
Employment certificates, issued in 1929 559
Employment Committee, *see* President's Emergency Committee for Employment.
Employment offices, *see* Employment agencies.
Employment Service 57, 123, 189, 253, 340, 432, 559, 723, 826, 916, 989, 1062
estimate 741
posters 989
Employment Stabilization Board, *see* Federal Employment Stabilization Board.
Employment Statistics, Advisory Committee on, *see* Advisory Committee on Employment Statistics.
Empoasca, revision of American species 598
Ems River, chart 62
Emsco Steel Products Co., oil-well supplies 713
Emu Bay, chart 345
Enamel (paint):
Federal standard stock catalogue 270
Enamel (teeth):
mottled enamel 364, 851
Enameled Metals Co 327, 821
Enameling of cast iron, blistering 16
Encephalitis:
meningo-encephalitis due to torula 61
pathology of encephalitis 274
postvaccinal encephalitis 1066
scope of term encephalitis 274
correction of author's initial 370
torula meningoencephalitis 974
Encephalitis lethargica:
article by C. C. Brace 76
article by G. V. P. Davis 76
epidemic encephalitis 852
neuropathological considerations 76
treatment by Rosenow vaccine and serum 937
Endarteritis, syphilitic, spastic tetraplegia from 585
Endicott Forging & Manufacturing Co., Inc 818
Endicott Johnson Corporation:
blowpipe 900
coal 814
Endocardium of right auricle 60, 61
Enemy aliens, *see* Aliens.
Enemy property:
alien claims, Treasury administration 1007
allocation of proceeds from sale 658
settlement of war claims act 232
Enemy Property Custodian, *see* Alien Property Custodian.
Energy-evaporation equation 9
Energy generator, garabed 33
Engelking, George, exr., *vs.* South Carolina Tax Comn 448
Engineer Corps, Army:
Army regulations 751, 938
geodetic work 93
officers, rank, duties, and addresses 277, 1013
orders and regulations, general index 1088
supply catalogue, pt. 1 78
training regulations 204, 854
Engineer Department, District of Columbia 413

Page

Engineer Department, War Dept 78, 141, 205, 277, 367, 459, 586, 752, 854, 940, 1013, 1088
general orders 141
report, 1930 459, 589
Engineering, publications for sale 105
see also Agricultural engineering—Marine engineering.
Engineering Branch, Forest Service 375
Engineering Bureau, Navy Dept 60, 125, 191, 342, 435, 563, 726, 829, 919, 992, 1065
report, 1930 435, 828, 829
Engineering Experiment Station, Annapolis 992
Engineering supplies, specifications, etc 747
Engines:
aircraft—
airworthiness requirements 381
cowling, radial air-cooled engine 59
cowling, ring type, effect 1013
cowling, Wright J-5 engine 59
fuel injection nozzles 828
fuel vapor pressure 59
manufacture, wages and hours in 1929 560
oil engine injection systems 59
supercharger performance 59, 255, 919, 1064
testing 91
training airplane mechanic 938
automotive ignition coil 918
marine engines, markets 386
publications for sale by supt. of docs 105
see also Locomotives.
England, *see* Great Britain.
Englebright, Harry L. (Representative from Calif.):
reports made by—
Indian Affairs Com 500, 632
Engler, Francis, relief 396
English, L. L., oil retained by citrus foliage 3, 147
English Road, chart 994
English sparrow control 1021
Engraving and Printing Bureau 454
report, 1930 454
Engravings:
American history, exhibition of prints 561
copyrighted prints 58, 255, 562, 918, 1063
copyrighted prints, index, etc., 1930 918
Enlisted men, *see* Army—Coast Guard—Marine Corps—National Guard—Navy—*also* certain headings beginning Pay.
Enlistment, *see* Recruiting and enlistment.
Enlow, C. R., crotalaria, new legume 600
Enright, John M., receiver, *v.* U. S 306, 553, 1042
Enrolling Room of House, *see* House of Representatives.
Ensembles for sunny days 7
Ensten, Louis H., *vs.* Simon, Ascher & Co., Inc 844
Enteritis, tuberculous, correction of entry in June, 1930, catalogue 2
Enterprise Brass Works *v.* United States 804
Enterprise Furniture Factory 239
Enterprise Upholstered Furniture Co 239
Entomology, *see* Insects.
Entomology Bureau 6, 86, 150, 213, 285, 374, 468, 598, 761, 864, 948, 1022
directory of field activities 150
report, 1930 374
work 374
see also Marlatt, C. L.
Envelopes:
contracts for Departments, 1931 67
printed, advance deposits on orders 441
printed, requisitions 348, 997
report of Paper Specifications Com 511
special-request, requisitions 441
stamped—
change 348
new varieties to be issued 441
prices effective Jan. 1, 1931 441
requisitions for printed envelopes 997
ungummed envelopes available 348
stock catalogue and price list, G. P. O 1046
unnecessarily large, use 835, 997
Ephemerides:
American ephemeris, etc., 1933 1069
lunar, for aviators 64
of sun and Polaris, 1931 418
Epidemic encephalitis, *see* Encephalitis lethargica.

Page

Epidemics:
food infection, epidemic simulating 364, 850
see also Contagious diseases—*also* names of diseases.
Epididymitis treatment 851, 936
Epilepsy:
article on 203
low pellagra-preventive diet, influence 936
skull fractures in epileptics 937
statistics of epileptics in institutions 1029
ultra-violet light and calcium salts 1086
Epomidiostomum genus, amidostomine worm 840
Eppinger & Russell Co., lumber 905
Epstein, Joseph:
epidemic encephalitis 937
sodium amytal in mental diseases 852, 853
Equal rights for women, *see* Women.
Equimina Bay, chart 191
Equipment and Supplies Division, Post Office Dept 998, 1073
Equipment Branch, Air Corps 276
Equipment trusts, *see* names of railroads.
Equipments, *see* Army supplies—Military supplies.
Equitable Trust Co. of New York 1079
Equitable Underwriters of New York, *see* Knickerbocker Insurance Co. of New York.
Equity, jurisdiction of courts 796
Ergot:
administration of food and drugs act 405
colorimetric reaction of alkaloids 272
Erickson, Ethel, laundries and women workers 190
Ericsson, Herman C., *v.* United States 235
Erie, Pa.:
chart of harbor 591
Technical Assoc. Pulp and Paper Industry 311
Erie & Michigan Railway & Navigation Co 1052
Erie Canal, charts 591, 941, 1014
Erie Coal & Coke Co 199, 327, 333, 427, 428
Erie Dry Goods Co. *v.* United States 695, 984
Erie, Lake:
charts 142, 368, 591, 941
fish-net deterioration 94
vessels for Coast Guard rescue work 666, 783
Erie Railroad:
equipment trust of 1930 110
rates on—
cattle 174
coal 175
cotton goods 424
fruit 979
lumber 179, 712
pipe 817
steel 818
tin-plate 908
wood-pulp 549
valuation 717
Erin quadrangle, Tenn 893
Ernst, Anton, beans 978
Ernst, Edward C., *v.* United States 39
Erosion:
how forests prevent, model 151
influence of plant cover on erosion, etc 763
Erskine, Edna B., relief 19
Erskine, Linwood M., admr., Thomas W. White *v* 552
Erving, Mass, bridge 635, 667, 783
Es, Das 974
Escatawpa River, bridge in Ala. and Miss 500, 616, 667
Escher, Henry, admr., *v.* Treasurer of U. S., etc 10
Escuela Activa Beaver, Mass 730
Eskey, C. R., plague in Ecuador 202 (2 entries), 203, 583
Esnault-Pelterie, Robert, *v.* United States 328, 821
Esophagus:
diverticulum of esophagus 937
stricture, esophageal 937
Espach, Ralph H., light petroleum distillates 481
Espanol, Puerto, chart 259
Esperanza, yacht:
cruise to Haiti 840
Esperson, Mellie, *v.* comnr. of internal revenue 553, 911
Esperson, Niels, case of executrix 553, 911
Espiegle Bay, chart 191
Espositer Varni Co 698
Esposito, Jerry, relief 19

Page

Essenson, O. S., pulmonary tuberculosis 274
Essential hypertension 76
Essequibo River, chart of approaches 994
Estabrook, Leon M.:
cooperação agricola 260
same (in Spanish) 346
Estate tax:
resolution amending revenue act of 1926 790
statistics from returns, 1929 455
Estep, Roland B., relief 651
Esters, phenol, pharmacological action 273, 749
Esthonia, *see* Estonia.
Estimates of appropriations, *see* Appropriations—Budget—*also* special subject of appropriations or Department or bureau submitting them.
Estonia:
ship measurement certificates, agreement 448
treaties with United States 70
Eternit, Inc., shingles 50
Ethan Allen, Fort, *see* Allen, Ethan, Fort.
Ether, petroleum, standard stock catalogue 847
Etheredge, R. H., Lumber Co 320
Ethnobotany of Thompson Indians 197, 355
Ethnology, *see* Man.
Ethnology Bureau 70, 197, 355, 446, 840, 1001
report, 1927–28 197, 198
report, 1928–29 355
index 446
see also Stirling, M. W.
Ethyl alcohol, *see* Alcohol.
Ethyl benzene vapors, response of guinea pigs 202
Ethyl Capri blue, oxidation-reduction studies 851
Ethyl Gas Co 239, 698
Ethylene effect on ripening persimmon 757, 864
Ethylene oxide vapors 139, 272
Ethylene Sales Co 239
Ethylhydrocupreine in meningitis 585
Etna & Montrose R. R 811
Eugene, Oreg.:
Pacific Coast Branch, American Historical Association 737
soil survey of area 597
Eulogies:
memorial services and addresses—
Casey, John J 613
Glynn, James P 613
Griest, William W 487
Hughes, James A 613
Kaynor, William K 614
Kvale, Ole J 487
Leatherwood, Elmer O 613
Lee, Robert Q 487
Martin, Whitmell P 487
Roark, Charles W 613
Steele, Leslie J 613
Tyson, Lawrence D 613
Weller, Royal H 487
Eureum, taxonomy and host relationships 265
Europe:
agricultural survey 148
lights, etc., on west coast 257
markets for motor boats, etc 386
markets for sawmill, etc., machinery 96
motion-picture industry in 1930 960
European corn-borer:
Apanteles thompsoni, parasite 865
developments in methods of control 89
fighting with machinery 89
husker-shredders in control 869
Macrocentrus gifuensis, parasite 762
quarantine 210, 595
European Historical Mission, Library of Congress 561
European War, 1914–18:
papers relating to foreign relations 266
publication of records, hearings 32
see also special subject.
Eurystheus tenuicornis, notes on 840
Evans, Albert J., *v.* United States 333
Evans, Frank E., relief 651
Evans, Frank O., school transportation 418
Evans, Henry R., educational boards, etc 241, 809
Evans, John M. (Representative from Mont.):
reports made by—
Indian Affairs Com 633–634
Public Lands Com 510, 654
Evans, William E. (Representative from Calif.):
report made by—
Naval Affairs Com 652

Page

Evans-Rich Manufacturing Co., cocoa 902
Evansville, Ind., airway map 872
Evaporated milk, *see* Milk.
Evaporation:
energy-evaporation equation 9
ratio of heat losses at water surface 10
Evening schools, agricultural 163, 533
Everglades National Park:
establishment—
desirability, report of Interior Dept 418
hearings 509
reports 509, 691
Evergreen Cemetery Association 187
Everitt & Graf, Inc.:
complaint, rp., etc., of Fed. Trade Comn 698
Federal Trade Comn. *v* 970
Evolution variations, X-ray production 354
Ewbank, Louis B., trustee, *v.* U. S. 720
Ewing, H. E., biting lice 265
Ewing, Paul A., pumping for irrigation 472
Ewing-Thomas Converting Co 553
Ex-service men, *see* Veterans, and references.
Exacerbation of chronic tuberculosis 1011
Examinations:
admission to Naval Academy 1066
civil serv., announced in 1928 and 1929 220
foreign service entrance exam. questions 199
reexaminations in mental hospitals 1086
see also Physical examinations.
Excavating machinery, rates on 177, 544, 903
Excelsior:
specifications, etc 849
Excelsior bolts, rates on 544
Excelsior Motor Mfg. and Supply Co 52
Exceptional children, *see* Children.
Exchange Service, *see* International Exchange Service.
Excreta, preservatives to prevent nitrogen loss 209, 281
Executive, *see* President of United States.
Executive agreement series 199, 266, 447, 448, 574, 575, 929, 1078
Executive Department of The Panama Canal, *see* Panama Canal (zone).
Executive Departments, useless papers 410
see also Appropriations—Claims—Government offices—Government officials and employees —Government supplies—*also* names of Departments.
Executive Office appropriations, *see* President of United States.
Executive Office of The Panama Canal, *see* Panama Canal (zone).
Executive orders and proclamations, *see* President of United States—*also* subjects of orders and proclamations.
Exemption from military service, treaty with Norway 841
Exercise, *see* Physical exercise.
Exhibitions:
fair exhibits give farm information 87
horticultural exhibitions 217
see also names of exhibitions, places where held, or name of that which they exhibit.
Exhibits Office, Agriculture Dept 87
Exmoor, steamship:
relief of owners 396
Exophthalmic goiter, *see* Goiter.
Expeditions, *see* Explorations—*also* names of expeditions.
Expenditures, *see* Budget—Campaign expenditures—Finance—*also* names of Departments, etc.—*also* subjects for which expenditures are made.
Expenditures in Executive Departments Committee, House;
hearings 631, 793
reports 497
Experiment farms, *see* Agricultural experiment stations.
Experiment Station of the Sugar Industry of Java:
la Estación Experimental de la Industria Azucarera de Java 260
Experiment station record 87, 151, 214, 374, 469, 598, 762, 865, 948, 1023
abstract number 6, 151, 285, 469, 762, 865, 1023
general index, v. 41-50, 1919-24 865

Page

Experiment station record—Continued.
index number—
v. 62 374
v. 63 1023
Experiment stations, *see* Agricultural experiment stations—Mining experiment stations—*also* names of stations, or places where located.
Experiment Stations Office 6, 87, 151, 214, 285, 374, 469, 598, 762, 865, 948, 1023
report, 1930 374
Explant size and fibroblast cultures 273, 850
Explorations:
publications for sale by supt. of docs 105, 890
2d polar year program, U. S. participation—
Congressional committee reports 631, 677
State Department report 738
Smithsonian Institution, 1930 839
see also names of expeditions, or names of places explored—*also* special subject.
Explosions:
accidents in anthracite mines of Pa 773
manometry of explosions, accuracy 878
Explosives:
in New York Harbor, rules for vessels 205
investigations, Mines Bur. publications 297
production during 1929 297
publications for sale by supt. of docs 808
rates on 114, 177
toxic gases from gelatin explosives 387
see also names of explosive substances.
Export declarations:
automotive apparatus and supplies 479
farm equipment 607
iron, steel, and hardware products 480
leather trade, importance of declarations 608
machinery 480
Export Steamship Corporation 353
Exports, *see* Imports and exports.
Expositions, *see* name of exposition, or place where held.
Express, *see* names of commodities and names of companies.
Expulsion, *see* Deportation.
Extension Oil Co 121, 328
Extension Service, Agriculture Dept 7, 87, 151, 214, 286, 375, 469, 599, 762, 866, 948, 1023
posters 762
report, 1930 375
work 469
Extension Service of Alabama, livestock in Coastal Plain 282
Extension Service review 7, 87, 151, 214, 286, 375, 469, 599, 762, 866, 948, 1023
Extension work:
cooperative, in agriculture, etc.—
during 1928 373
during 1929 864
to amend act 659
cooperative marketing 761
land-grant college extension service 536
methods and their relative effectiveness 761
relative costs of methods 948
see also Cooperative Extension Work Office—Extension Service, Agriculture Dept.
Extermination and extinction 354
Externato Rural Beaver, Mass 261
Extinction and extermination 354
Extracts, flavoring, stock catalogue 580
Extradition:
fugitives from Panama in Canal Zone 639
treaties with—
Austria 71, 199
Germany 842, 1002
Extramural care of mentally sick 274
Eyre, F. H., Christmas trees as farm crop 948

F

F6C airplane, *see* Airplanes.
F. D. Hubbel Relief Corps No. 103, trophy gun 38, 393
Faber, Coe & Gregg, Inc., *v.* U. S. 411
Fabrics, *see* Textiles.
Faby, J. E., Rocky Mountain fever tick 585

Page

Face:
fractures of facial bones 585
gumma involving malar bone 751
paralysis cured by dental treatment 140
Faceina, Anna, relief 19
Facings, foundry, standard stock catalogue 745
Fact finding with Women's Bureau 827
Factories, American branch, abroad 607
Fageol, Rollie B., patent appeal 773
Fahrenkopf, O. R., coal 814
Faick, C. A., refraction index of soda-lime glasses 1038
Fain, Henry G., gold inlay in dentistry 1011
Fair Bluff, N. C., bridge 26
Fairbanks, H. S., agricultural statistics 84
Fairchild, Seymour, relief 404
Fairmont Creamery Co., relief 36, 396
Fairmount Tool and Forging Co 235
Fairport, Painesville & Eastern R. R.:
construction 813
stock 541
Fairs, exhibits give farm information 87
Fajardo Harbor, chart 477
Fajardo Sugar Co 428
Fales, Louis H.:
healing of tuberculous cavities 750
semi-infirmary tuberculous patients 585
Fall Branch Coal Co 1004
Fall River Chamber of Commerce, lumber 904
Falling Spring Lime Co., Inc 904
Fallon Wild-Life Refuge, proclamation 1000
Falloon, Virgil, bridge 502, 670, 786
False blossom, cranberry, spread in U. S 471
Family:
changing civilization and family life 809
diet adequate for limited incomes 867
food at low cost 470, 867
foundations of family life, reading course 535
relief cost in 100 cities 917, 990
transcription sheet, census, 1930 292, 476
Fanning, Frank, relief 403
Far East:
automobiles gain faster than roads 607
books added to Library of Congress 561
economic features in 1930 480
markets for dairy equipment, etc 95
typhoons 291
Far Eastern Section 771
Farber Sheet Metal & Roofing Co 981
Farbwerke, *v.* Chemical Foundation, Inc., etc. 121
Fares, *see* Passenger rates—Street-railroads.
Faris, James A., el mosaico de la caña de azúcar 260
Farley & Loetscher Manufacturing Co 548
Farm animals, *see* Cattle.
Farm Board, *see* Federal Farm Board.
Farm credit, *see* Agricultural credit.
Farm equipment, *see* Farm implements and machinery.
Farm implements and machinery:
British market for agric. machinery 95
classification for export 607
haying equipment for Great Plains, etc 862
manufacture and sale, farm equipment 221
manufacturers and exporters, aiding 960
market in Yugoslavia 1035
rates on 173, 706
standard stock catalogue 1081
see also names of implements and machines.
Farm labor:
harvest hands in wheat belt, poster 989
perquisites and wages of hired hands 466
Farm Labor Division:
harvest hands needed in big wheat belt 989
summary of activities, 1930 917
Farm loan act, *see* Agricultural credit.
Farm Loan Board, *see* Federal Farm Loan Bureau.
Farm Loan Bureau, *see* Federal Farm Loan Bureau.
Farm management:
analysis of farm business management 103
publications for sale by supt. of docs 311
publications of Agriculture Dept 103
Farm products, *see* Agricultural products.
Farm relief, *see* Agricultural credit—Relief work.
Farmers:
birds useful to farmer 211
build their marketing machinery 415
cotton marketing experiences 466
seed marketing hints 596

Farmers—Continued. Page
wheat outlook, 1930, facts to consider 84
see also Agricultural credit.
Farmers & Merchants National Bank 358
Farmers' bulletins:
lists of bulletins—
available bulletins 152, 470, 599, 867, 949
for residents of cities and towns 88, 1024
title-page with contents, nos. 1601-65 470
see also subjects of bulletins.
Farmers Exchange, Metolius, Oreg 115
Farmers' Grain Co 36, 396
Farmers' Seed Loan Office, how to get a loan 465, 595, 757
Farming, *see* Agriculture.
Farms:
barn ventilation 9
beef, production 946
beef, slaughtering, etc 759
butter making 373
cheese, manufacture and use 213
Christmas trees as cash crop 948
concrete construction 153
concrete for farm use 289
cotton plant study 867
cottontail rabbits in rel. to trees, etc 1021
drainage 600
drainage of irrigated farms 951
extension methods, costs 948
fair exhibits give information 87
farm outlook for 1931 596
fire-protective construction 149
fire safeguards 282
forestry and farm income 286
grain, bulk storage 218
grain, cleaning on farm 372
hardwood seedlings, growing and planting 215
horseshoeing 596
ice harvesting and storing 285
ice well for dairy farm 598
keep stock out of woods, poster 7
lamb and mutton, slaughtering and use 467
land utilization and farm problem 282
lightning protection 219
livestock on farms 759
logs and poles in farm construction 869
painting on farm 284
peppermint and spearmint as crops 152, 1025
plumbing 289
profits from farm woods 152
publications—
farm homes 311
forestry for the farm 286
real estate situation, 1929–30 282
sewage and sewerage of farm homes 951
terracing lands 1026
testing farm seeds in home, etc 950
timber, measuring and marketing 866
value, gross and cash incomes 210
water power 765
work horses, care and management 1020
see also Agriculture—Dairying—*also* certain headings beginning Agricultural—Farm.
Farnett Telephone Co., acquisition 813
Farnum, Royal B., art education 891
Farragut Bay, chart 295
Farrand, Clair L., patent appeal 879
Farrar, James E., United States *vs* 359
Farrell, Roy W., relief 506
Farrington, Joseph R., American Samoan Commission's visit to Samoa 1028
Farta Bay, chart 191
Fass, Aaron S., relief 505
Fassig, Oliver L., hurricanes near Porto Rico 291
Fats:
animal and vegetable fats, 1927–29 92
animal and vegetable fats, 1927–30 1029
samples from live hogs 595, 758
Fauber, William H., claim of admx 643, 663, 779
Faulkner, Samuel B., relief 614, 684
Fawcett, Edna H., boric acid buffers 881, 1038
Fawcett, Howard S.:
citrus blast bacterium, etc 147
citrus resistance to bark diseases 209, 281
Fawcus Machine Co. *v.* United States 428, 576
Faxon, Donald E., tuberculosis 937
Fay, A. C., Babcock test for cream 3, 147
Fay, John A., relief 38, 392
Fayette City, Pa., bridge 638, 670, 786
Fayette County, Pa., bridge 638, 670, 786

Page

Fe-Ni-Cr alloys, flow characteristics 17, 98
Federal, *see* certain headings beginning Federal—Government—National.
Federal aid to States, extract from Treas. rp., 1930 931
Federal Board for Vocational Education 40, 103, 163, 238, 308, 414, 533, 1044
  estimate 846
  publications on (lists)—
    agricultural education 40, 103, 163
    home economics 308
    trade and industrial education 238, 414, 533, 1044
    vocational rehabilitation 41, 163, 533
  report, 1930 415
Federal Board of Hospitalization, report, 1930 451
Federal buildings, *see* Public buildings.
Federal civil service, *see* Civil service.
Federal Compress & Warehouse Co., coal 901
Federal courts, *see* Courts of United States.
Federal Departments, *see* Executive Departments.
Federal employees, *see* Government officials and employees.
Federal Employment Stabilization Board 741
Federal Farm Board 308, 415, 533, 696, 806, 1044
  additional appropriation, revolving fund—
    estimate 451
    hearings 395, 406
    law 393
    report 395
  as actividades do Conselho Federal de Agricultura dos Estados Unidos 65
    same (in Spanish) 65
  policies and work in helping agriculture 806
  report, 1930 415
Federal farm loan act, *see* Agricultural credit.
Federal Farm Loan Board, *see* Federal Farm Loan Bureau.
Federal Farm Loan Bureau (this heading includes the Federal Farm Loan Board, which is the executive head of the bureau) 137, 362, 454, 747, 934, 1008
  payment of expenses, act 25
  report, calendar year 1929 137
  report, calendar year 1930 934
Federal Foundry Supply Co 709
Federal Hospitalization Board, *see* Federal Board of Hospitalization.
Federal Intermediate Credit Bank of Columbia 26
Federal intermediate credit banks:
  article on 137
  loans to financing institutions 25
  maturity of loans 25
  statements of condition 137, 362, 747, 1008
  text of law 362
Federal land banks:
  loans, extend time of payment 514
  outstanding loans, etc 747
  statements of condition 137, 362, 747, 1008
Federal laws, *see* Laws.
Federal Motor Truck Co. *v.* United States 187, 805
Federal Oil Conservation Board 105
Federal Power Commission 415, 806, 889
  act to reorganize 25
  confirmation of nominees, hearings 409
  draft of proposed provision 741
  estimate, amendment 578
  Flathead power sites, hearings 234
  laws, compilation 161
  positions excepted from examination 734
  report, 1930 415
  rules and regulations 889
  see also Smith, George O.
Federal property, *see* Public property.
Federal Radio Commission 41, 103, 309, 415, 533, 697, 806
  decisions, appeals 28
  leaves of absence 41
  practice and procedure before 41
  report, 1930 415
Federal Real Estate & Storage Co 625, 779, 798
Federal reserve act, with amendments 304
Federal Reserve Bank of Richmond 358
Federal reserve banks:
  capital stock, increase or decrease 41
  directors, method of electing 25
  German bonds, purchase prohibited 31

Page

Federal reserve banks—Continued.
  inter-district collection system 41, 533
    changes 104, 164, 238, 309, 415, 697, 807, 889, 970, 1045
  survey of Fed. reserve banking system 797, 884
  see also other headings beginning Federal reserve.
Federal Reserve Board 41, 104, 164, 238, 309, 415, 533, 697, 806, 889, 970, 1045
  assessment of examination costs 25
  report, calendar year 1930 697, 807, 970
Federal reserve bulletin 41, 104, 164, 238, 309, 415, 533, 806, 807, 889, 970, 1045
  index to v. 16 415
Federal reserve member banks:
  drafts and bills of exchange, acceptance 41
  duties and liabilities of directors 454
  examination, assessment of costs 25
  false reports as to condition 656
  German bonds, purchase prohibited 31
  inter-district collection system 41, 533
    changes 104, 164, 238, 309, 415, 697, 807, 889, 970, 1045
  member bank call report 104, 309, 807, 1045
  reserves, regulation 238
  see also other headings beginning Federal reserve.
Federal reserve notes, outstanding 74, 136, 201, 271, 362, 454, 582, 747, 849, 933, 1008, 1083
Federal reserve system, *see* other headings beginning Federal reserve.
Federal specifications, *see* Government supplies—*also* special subject, e. g. Brushes.
Federal Specifications Board, outline of form for specifications 1008
Federal standard stock catalogue 73, 135, 136, 201, 269, 270, 360, 361, 452, 453, 579, 580, 581, 744, 745, 847, 848, 932, 933, 1007, 1008, 1081, 1082, 1083
Federal Standard Stock Catalogue Board 73, 135, 201, 269, 360, 452, 579, 744, 847, 932, 1007, 1081
Federal statutes, *see* Laws.
Federal taxation, *see* Taxation.
Federal Trade Commission 42, 104, 164, 238, 309, 416, 533, 697, 807, 890, 970, 1045
  decisions—
    v. 12 239
    v. 13 1045
    v. 13, table of cases 310
    see also names of companies, associations, etc.
  report, 1930 416
  reports on—
    cottonseed industry 533, 697, 698
    electric power, interstate movement 698
    newsprint paper industry 239
    utility corporations 104, 239, 416, 971
  rules of practice, etc 42
  statutes and decisions, 1914–29 416
Federal Water Power Commission, *see* Federal Power Commission.
Federated Metals Corporation:
  aluminium 706
  copper 902
  metals 425, 713
  zinc 185, 716, 818, 908
Federation Interalliée des Anciens Combattants, expenses of foreign delegates 25, 102
Federation of Labor, *see* American Federation of Labor.
Federation of Trade Unions, *see* International Federation of Trade Unions.
Feeble-minded:
  in State institutions, 1926 and 1927 1029
  schools and classes for, 1926–27 241
Feed, *see* Agricultural credit—*also* certain headings beginning Food.
Fees, Don C., relief 396, 663
Fees:
  attorneys—
    Indians in Mont., Idaho, and Wash 616
    war claims settlement, reasonable fees 71, 134, 843, 844, 1003
    war claims settlement, etc., notice 853

Page

Fees—Continued.
return receipts for registered, etc., mail—
committee report 410
law 617
postal regulations 835
tariff of consular fees 1002
visa for nonimmigrants, waive or reduce 196
Feet:
ringworm infection of feet 1086
ringworm or tinea infection of toes 140
see also Weak foot.
Fefferman, Adolph, relief of admx 492, 663, 779
Fehr, Jak. Robert Sigg-, *see* Sigg-Fehr, Jak. Robert.
Feitler Bottle Co. *vs.* United States 359
Feldman, Herman, personnel program for civil service 997
Feldspar:
elimination of waste 301
production in 1929 226
Fellows, H. C., milling qualities of wheats 283
Felt, rates on 903
Felt & Tarrant Manufacturing Co 553, 821, 930
Femoral vein, suppurative phlebitis 140
Fence-posts, rates on 1055
Fencing:
differences in costs of production 739, 1006
proclamation increasing duty 734, 1006
standard stock catalogue 270
Fene, W. J., permissible methane detectors 387
Fenneman, Nevin M., physical divisions of U. S. 892
Fennville quadrangle, Mich 893
Fenwick Island lighthouse reservation 636, 667
Ferguson, Charles, gonorrheal arthritis 851, 936
Ferguson, D., effects of radio current 1066
Ferguson, Edgar T., court case 40, 553
Ferguson, George, *v.* United States 984
Ferguson, W. P., *v.* comnr. of internal revenue 328
Ferguson Valley Farmers Telephone Co 897
Fergusson, Thomas D., Ruffin Collie, etc., *vs.* 359
Fernandina, Fla.:
chart of entrance 477
lighthouse reservation 635, 782
term of court abolished 503
Ferns collected by Joseph F. Rock, 1920–24 841
Ferree, E. Mark, American pitch pine 960
Ferris, C. E., bridge 400, 487
Fertilizers:
for pecan soils 373
forest planting material, fertilizer use 151
home mixing 284, 761
publications for sale by supt. of docs 165, 890
rates on 177, 544, 710, 815, 895, 979
results of experiments on Norfolk loam 598
survey of industry 468
see also Agricultural credit—Green manuring.
Feshback, David, Fed. Trade Comn. rp., etc. 1046
Fesler, Paul H., hospitals 872
Fess, Perry T., cement 175
Fess, Simeon D. (Senator from Ohio):
paper presented by—
ratification of Constitution 512
reports made by—
Library Com 524, 682–683, 801
Feustel, Irving C., American peat profiles 284
Fever, *see* name of fever.
Fever ticks, *see* Cattle-ticks.
Fezzes, customs appeal 162
Fibers:
diameters, diffraction method for 881, 1038
paper-making properties of Phormium 775, 964
preparation of fiber test sheets 17, 99
time to harvest fiber flax 868
Fibrillation:
paroxysmal auricular fibrillation 203
quinidin in auricular fibrillation 1066
Fibroblast cultures, influence of explant 273, 850
Fibrous materials, heat flow mechanism 302, 484
Fidac, *see* Federation Interalliée des Anciens Combattants.
Fidelity and Deposit Co. of Maryland 21
Fidelity-Philadelphia Trust Co., trustee 337
Fiedler, R. H.:
California fisheries, review 223
fishery industries of U. S., 1929 606
Fieger, E. A., soil survey of Wadena Co., Minn 761
Field, Anna, vitamin content of prunes 595, 758

Page

Field, Marshall, & Co.:
lace 162
rugs 163
v. United States 39, 306, 328, 695
Field & Start, Inc 328, 821
Field artillery, *see* Artillery—Ordnance.
Field Artillery School extension course 1088
Field glass, standard nomenclature list 754
Field Survey Division, Personnel Classification Board 835
Fieldner, A. C.:
analyses of coal mine samples 609, 772
Mines Bur. coal, etc., investigations, bibl 609
production of activated carbon 387
Figs:
canned, standard stock catalogue 847
fig insects in California 948
growing in South Atlantic, etc., States 376
rates on 1055
Filaria bancrofti in human tissue 436
Filing cabinets, *see* Cabinets.
Filing cards in deck catalogue, rules 990
Filipinos, *see* Philippine Islands.
Filled milk, *see* Milk.
Films, *see* Motion pictures—Photographic films—X-rays.
Filters (light):
reproduction of sunlight, etc 775
ultra-violet solar radiation measurement 1038
Filtration of water:
efficiency of preliminary treatment 75, 273
prechlorination in rel. to efficiency 456, 851
report of D. C. filtration plant 586
weather conditions as factors at Detroit 379
Finance:
Army extension courses, property, etc 276
cities, financial statistics, 1928 292, 768
cooperatives, financial structure 1044
daily statement of Treasury 72, 135, 200, 268, 360, 449, 557, 739, 845, 932, 1007, 1081
finance circulars 79, 143, 206, 855, 856
changes 206, 941, 1089
in Latin America—
financial developments during 1929 96
revenues, expenditures, etc 194
same (in Portuguese) 260
same (in Spanish) 260
revenues, expenditures, etc., 1930 1071
Pan American Union series—
finance series 194, 1071
serie sobre finanças, industria, comercio 65, 260, 347, 567, 996
serie sobre finanzas, industria y comercio 260, 347, 730, 996, 1071
post office, address of F. A. Tilton 442
publications for sale by supt. of docs 311, 972
receipts, etc., of U. S., 1930—
combined statements 740
report on finances 450, 1007
report on finances, extracts 931, 932, 1007
State statistics, 1928 293, 476
see also Agricultural credit—Budget—*also* names of countries and places.
Finance and Guaranty Co 911
Finance and Investment Division, Foreign and Domestic Commerce Bur 96, 157, 296, 479, 480, 608, 772, 876
Finance Committee, Senate:
calendar 304, 408, 520, 676, 800
hearings 37, 408, 675–676
reports 37, 675–676, 800
Finance Corporation, *see* War Finance Corporation.
Finance corporations in D. C.:
investigation—
hearings 674
report 674
Finance decisions, *see* Interstate Commerce Commission.
Finance Department, War Dept 79, 143, 206, 855, 941, 1089
Army regulations 77, 204, 275, 366, 457, 751, 853, 938, 1012, 1086
finance circulars 79, 143, 206, 855, 856
changes 206, 941, 1089
Finance School, Army extension course 1088

Page

Finck, J. L.:
heat flow in fibrous materials 302, 484
heat transfer through building walls 775, 964
Findeisen, William E., *v.* United States 235, 428, 718
Fine arts, *see* Art.
Fine Arts Commission 240
Fingerprinting appointees to civil service positions 1028
Finishing textiles, wages and hours of labor 1062
Fink, David E., Colorado potato beetle 371, 374
Fink, Isaac, relief 19
Finley, E. O., calves 707
Finn, A. N., refraction index of soda-lime glasses 1038
iock, E. F.:
saturated water and steam 99, 231
thermal properties of methyl alcohol, etc 965
Fir, *see* Douglas fir.
Fire, *see* Fires.
Fire-alarm systems, standard stock catalogue 136
Fire-brick, *see* Bricks.
Fire-clay:
fundamental properties 99, 230
standard stock catalogue 745
Fire-clay bricks, *see* Bricks.
Fire control instruments, nomenclature list 1014
Fire Department, District of Columbia:
report, 1930 413
salaries 24, 393
Fire-extinguishers, stock catalogue 933
Fire-extinguishing liquid, stock catalogue 270
Fire hose, *see* Hose.
Fire kindler, rates on 48
Fire protection, *see* Fires—*also* National Fire Protection Association.
Fire resistance, *see* Fires.
Fire-weather, *see* Forest fires.
Firearms:
in Canal Zone, laws, etc., rel. to carrying 923
price list to Nat. Rifle Assoc. of Amer 79
see also Arms—Pistols—Weapons.
Fireman, coal, questions and answers 226
Fireplaces, construction 378
Fires:
airplane hangar fires, rp. on control 381
cotton-gin, static electricity cause 5
farm fire-protective construction 149
farm safeguards 282
National fire prevention week, 1930 196
resistance in buildings, requirements 612
Senate wing of Capitol, etc., protection 602
water for communities adjacent to D. C 524
see also Forest fires.
First aid, Army extension courses 77, 458, 459
First-class mail, *see* Mail matter.
First National Pictures, Inc 71, 328, 449
First State Bank and Trust Co. of Mission, Tex., relief 676
First Trust and Savings Bank of Miami, Fla 52, 121
Firth, John, *v.* United States 235
Firth, Ray W., relief 492
Fish, George V., record rainfall for Miami 153
Fish, Hamilton, jr. (Representative from N. Y.):
report made by—
Communist Propaganda in United States, Special Committee to Investigate 496
Fish and fisheries:
cystine content of fish 1011
entries of fish by aliens and citizens 577, 1080
fishery circular 1033, 1034
fishery products—
canned and by-products, U. S. and Alaska 959
cured products, U. S. and Alaska 959
New England ports 95, 156, 224, 295, 479, 606, 770, 771, 875, 1034
Seattle, Wash 95, 156, 224, 385, 479, 606, 770, 875, 959, 1034
lake fisheries 1034
of—
Alaska, fisheries, 1929 223, 959
Alaska, fisheries, 1930 875
Alaska, laws, etc., for protection 381
Blue River, fish life survey 770
California, fisheries 223
Chesapeake Bay States, fisheries, 1929 606

Page

Fish and fisheries—Continued.
of—continued.
Middle Atlantic States, fisheries 875
New England States, fisheries 960
Pacific Coast States, fisheries 960
Siam, new genera and species of fish 841
South Atlantic, etc., States, fisheries 876
United States, 1929 606
United States and Alaska, 1929 959
pellagra, protect yourself by eating fish 762
publications for sale by supt. of docs 534
specifications and proposals, fish 137
statistical bulletin 95, 156, 224, 295, 385, 479, 606, 770, 771, 875, 876, 959, 960, 1034
see also Fish-culture—Fishing—Sea foods—*also* names of fishes.
Fish-culture:
fish-farming industries 1034
food fishes, propagation, etc., 1930 606
plankton production in fish ponds 95
seed oysters, study in production 295
Fish hatcheries, *see* Fish-culture.
Fish meal:
in animal feeding 295
nutritive value 770
Fish-nets:
customs appeal 805
deterioration, Lake Erie 94
preservatives, application 875
Fish oil:
freight rates on fish oil 710
menhaden fish oil for animal feeding 960
vitamin D in menhaden fish oil 875
Fisher, D. F.:
apple injuries resulting from washing 1024
control of apple powdery mildew 377
diseases of apples in storage 287
Fisher, Frank, relief 646
Fisher, Harry V., court case 40, 553
Fisher, Hubert F. (Representative from Tenn.):
reports made by—
Military Affairs Com 505, 646, 648–649
Fisher, S. G., epidemic encephalitis 852
Fisher, W. K., sea stars 929
Fisher, W. S., notes on rhinotragine beetles 265
Fisher, William, relief 779, 802
Fisher Supply Co., bath-tubs 707
Fisheries, *see* Fish and fisheries.
Fisheries Bureau 13, 94, 156, 223, 295, 385, 479, 606, 770, 875, 959, 1033
annual report, 1930 156
title-page, contents, etc 876
bulletin of Bureau of Fisheries—
1929, title-page, index, etc 223
1930, title-page, index, etc 959
fisheries service bulletin 13, 95, 156, 224, 295, 385, 479, 606, 770, 875, 959, 1034
investigational report 606, 770, 875, 960
Fisheries service, *see* Fisheries Bureau.
Fishery circular, *see* Fish and fisheries.
Fishery products, *see* Fish and fisheries.
Fishes, *see* Fish and fisheries—*also* names of fishes.
Fishing:
Canal Zone laws and regulations 923
in Chesapeake Bay 1033
see also Fish and fisheries.
Fiske, Bradley A., William A. Moffett *v* 823
Fistula:
gastro-jejuno-colic fistula 366
rectal fistula, operative care 140
Fitch, Florence C.:
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
fruit and vegetable statistics 4
grain statistics 4
miscellaneous agricultural statistics 84
statistics of cattle, hogs, sheep, etc 84
statistics of miscellaneous crops 84
Fitch & Wilkinson, potatoes 817
Fitchburg Gas & Electric Light Co 113
Fitchburg Produce Co., potatoes 981
Fitger Co., syrups 322
Fitterer, G. R., deoxidation of steel 609
Fitton, Edith M.:
Gulf Stream temperatures 219
soil temperatures 870

Page

Fitzgerald, Roy G. (Representative from Ohio):
reports made by—
Claims Com. 397, 492–495, 623, 625–628
Laws, Committee on Revision of 643
Fitzgerald, Thomas J., manufactures, 1927 92
Fitzpatrick, E. G., soil, Wheatland area, Wyo. 150
Fitzpatrick, John C., Washington and religion 886
Five Civilized Tribes:
interest of restricted heirs 499, 633, 678
lands required for improvements 499, 678, 784
restriction in lands, to extend 499, 522, 616
Five-day week, bibliography (2 entries) 724
Flags:
specifications, etc. 137, 362, 748, 1009
standard stock catalogue 1081
Flakne, Knud O., relief 396
Flannery, J. Rogers, & Co., cases 328
Flannery Bolt Co., cases 328
Flash-light batteries, packaging 612
Flat foot, *see* Weak foot.
Flathead Indians, relief 522, 633
Flathead Reservation:
condition of Indians 234
power site development, memorandum 44
Flavoring extracts, stock catalogue 580
Flavors, nonalcoholic, stock catalogue 580
Flax:
paper-making properties of Phormium 775, 964
time to harvest fiber flax 868
yellow pine flax 371, 471
Flaxseed:
production by power-farming methods 288
rates on 710, 815
Fleas:
and their control 1022
Ctenocephalides, new genus of fleas 138
rat-flea survey of San Juan, P. R. 75, 273
rat-flea survey of Savannah, Ga. 851
typhus type virus from rat fleas 750, 936
Fleet Naval Reserve, forfeiture of pay 651
Flehr, Etteline, markets for motor boats, etc. 386
Fleischman, G. B., Fed. Trade Comn. rp., etc. 890
Fleming, J. A., Polar Year Commission 870
Flensburger Dampfercompagnie 428
Fleshers Ferry, bridge 519, 619
Fleshings, rates on 710
Fletcher, C. C., home mixing of fertilizers 284, 761
Fletcher, Donald G., barberry and black stem rust 287, 764
Fletcher, Duncan U. (Senator from Fla.):
papers presented by—
Caloosahatchee River, etc. 405
Seminole Indians 797
reports made by—
Banking and Currency Com. 514
Commerce Com. 407, 517
Military Affairs Com. 409, 524–525, 684, 802
Fletcher, John M., exr., *v.* United States 720
Fletcher, W. & A., Co. 306, 553, 1042
Flexner, Simon, biography of Hideyo Noguchi 354
Flies:
collecting in the West 840
house fly and how to suppress it 865
see also names of flies.
Flight:
gliders and gliding 11
how insects fly 354
Flint, W. P., chinch bug and how to fight it 761
Flohr, Lewis B., marketing farm produce 84
Flood, William, admx. *v.* United States 984
Flood Control Committee, House:
hearings 161, 631, 793
reports 399, 631
Floods:
and forests 1024
control, surveys by Engineer Dept., Army 589
in New England, Nov. 1927 107
legislation relating to flood relief 218
roads, etc., damaged in Fla., relief 510, 655
to conserve run-off or flood waters 792
see also names of rivers.
Floor coverings:
floors and floor coverings 763
specifications, etc. 849
wool, differences in costs 739, 1006
Floor machines, specifications, etc. 747
Floor wax, specifications, etc. 747
Floors and floor coverings 763

Page

Flora, *see* Plants—Plants (fossil).
Forell, Victor H., wheat×rye hybrids and back crosses 861, 950
Florence, Nebr., bridge 670
Flores, Mrs. Fanor, relief 19
Flores, Pedro, relief 19
Flores Sea, chart 728
Florida:
additional judge 26
avifauna of Pleistocene 928
bridge, *see* Choctawhatchee River.
census, 1930, population 382, 955
charts 477, 605
evidence of early man, investigations 840
Federal aid highway system progress map 1027
lands withdrawn for survey, revocation 837
longleaf pine, diameter growth 209, 215
Mediterranean fruit-fly losses—
hearing 622
reports 622, 660
national park in Everglades—
desirability, report of Interior Dept. 418
hearings 509
reports 509, 691
papaya growing has made some headway 88
postal service—
fruit, etc., restrictions removed 348
mail routes, schedules 67, 195, 443, 732, 999, 1073
post route map 733
raccoons from keys of southern Florida 70
relief, damages by floods 510, 655
relief, property lost by Nat. Guard 25
Road Department—
slag 715
silver service from ship Florida 506, 526, 616, 687
women in industries 254
Florida, U. S. S.:
silver service 506, 526, 616, 687
Florida Central & Gulf Ry 705
Florida East Coast Ry.:
operation 813
rates on—
benzol 1053
citrus fruit 978
masts 546
shingles 1058
syrups 322
reconsignment 118
Florida Fruit Canners, Inc.:
cans 174
grape-fruit 711
Florida Menhaden Co., fish-oil 710
Florida Power Corporation 176
Florida, Straits of:
chart 12, 605
Gulf Stream daily thermograms 10
temperatures of Gulf Stream 219
Florin, Calif., right of way 655
Florin conversion table 348
Flour:
blended with slightly germinated wheat 6
rates on 815
Flow, M. L., payment of fees 19
Flow and force equations for body revolving in fluid 59
Flower, C. F., sodium thiosulphate in syphilis 61
Flowers, Hiland L., emotions in psychotic patients 366
Floyd, E. V., protective value of fabrics 3, 148
Fluegelman, N., & Co., Inc 42
Fluorating process applied to fructose 775, 964
Fluorine, insecticidal properties 85
Fly, *see* Flies.
Flyers, *see* Aviators.
Flying boats, *see* Seaplanes.
Flying Cross, *see* Distinguished Flying Cross.
Flying fields, *see* Airports and aviation fields—*also* names of fields.
Flying schools, *see* Aeronautics.
Flynn, Charles D., *v.* United States 718
Flynn, Edward L., case of exr 1004
Flynn, John M., compensation 779
Flynn & Emrich Co.:
complaint, rp., etc., of Fed. Trade Comn. 970
v. Federal Trade Comn. 1045
Foard, Fred T., county health unit 936, 1084
Fodder, *see* Food for cattle.
Foehns, Greenland and west-coast 9

Page

Fog at sea 63, 127
Fog signals, *see* names of places where located.
Folding machines, specifications, etc 747
Foley Brothers, Inc., drag-line machines 903
Follansbee, Robert:
surface water supply—
Colorado River basin 537
Great Basin 107, 243
Gulf of Mexico basins 243
Mississippi River basin 243
Missouri River basin 243
Folsom, Josiah C.:
hired farm laborers, wages 466
miscellaneous agricultural statistics 84
Fond du Lac band of Chippewa Indians, *see* Chippewa Indians.
Fonda, Johnstown & Gloversville R. R 705
Fonseca, Gulf of, chart 437
Food:
child-feeding chart 949
definitions, etc., for food products 87, 469
drought, how boys and girls can help 891
emergency low-cost supply 763
families with limited incomes 867
family's food at low cost 470, 867
food and drugs act—
amendment 215, 763, 948
notices of judgment 7, 87, 151, 215, 286, 375, 469, 599, 762, 866, 948, 1023
notices of judgment, index 469
regulations for enforcement 375
work of Food and Drug Administration 469
furnishing to school children in D. C.—
hearings 793
report 628
home gardens for employment and food 927
imported food tested at ports 214
imported foodstuffs market in Burma 225
packages, labels safe guide to buyer 151
per capita consumption 225
poisoning, *see* Food infection or poisoning.
price of foodstuffs—
hearings 797
reports 408, 797
publications for sale by supt. of docs 165, 972
standard stock catalogue 1081
vitamins in food materials 1023
see also Canned food—Diet—*also* headings beginning Food—*also* names of special foods and drinks.
Food and Drug Administration 7, 87, 151, 214, 286, 375, 469, 599, 762, 866, 948, 1023
report, 1930 286
service and regulatory announcements 87, 215, 375, 469, 763, 866, 948
work, enforcement of various acts 469
work, growth, structure, etc 286
Food fish, *see* Fish and fisheries—Fish-culture.
Food for animals:
fish meal in animal feeding 295
menhaden fish oil for animal feeding 960
Food for cattle:
Federal standard stock catalogue, forage 1008
feeding dairy cows in summer 373
horses 759
pastures have variation in feeding value 85
rates on 177
special preparation 85
specifications, etc 363, 748, 849
see also Forage crops—*also* names of feeding stuffs.
Food for fowls:
feeding chickens 1021
rates on poultry food 114, 177
wild-duck foods 760
Food infection or poisoning:
death caused by oysters 61
epidemic simulating 364, 850
outbreak on board U. S. S. Stewart 256
Foodstuffs Division, Foreign and Domestic Commerce Bur.:
canned grapefruit production and trade 96
confectionery distribution in U. S 386
cooperating with American producers, etc 771
fresh fruit industry, Union of S. Africa 386
markets for fruit juices and sirups 13, 608

Page

Foodstuffs Division—Continued.
per capita consumption of foodstuffs 225
world's exports of coffee 480
Foot-and-mouth disease:
garbage from infected regions 595
poultry from infected regions 209
Foote, Edward L., epidemic encephalitis 937
Forage, *see* Food for cattle.
Forage crops:
bill bugs, how to control 6
grasshopper control 865
lespedeza 950
seed imports vary much 88
sorghum, growing and utilizing 377
soy-bean valuable for silage 5
wireworms destructive to crops 762
Foraminiferal family Polymorphinidae 132
Forbes, R. D.:
growth of 2d-growth southern pines 215
timber growing and turpentining practices 286
Force, John N., smallpox vaccination 364, 584
Forced landings:
and aircraft accidents, Army regulations 1012
statistical studies 367
Ford, Carrie J., *v.* comnr. of internal revenue 821
Ford, George R., *v.* comnr. of internal revenue 821
Ford, Harry, *v.* United States 328
Ford, John B., *v.* comnr. of internal revenue 821
Fordney, Chester L., captain in Marine Corps 651
Forecast Division, Weather Bur 871
Forecasting, *see* Weather forecasting.
Foreclosure of mortgages, *see* Mortgages.
Foreign Affairs Committee, House:
calendar 304, 793
hearings 498, 631, 882
reports 497–498, 631–632, 793
Foreign and Domestic Commerce Bureau 13, 95, 156, 224, 296, 385, 479, 607, 771, 876, 960, 1034.
appointments to positions 224, 1034
labor in coal fields of Soviet Russia 796
publications 877
publications on lumber 1035
report, 1930 297
travel in and to U. S., to promote 641
Foreign bodies:
in bronchus 1086
in gastrointestinal tract 585
Foreign commerce, *see* Commerce.
Foreign commerce service, relief of certain officers, etc 20
Foreign Construction Division 877
Foreign countries:
American direct investments 296
commerce yearbook, 1930 480
directories 876
foreign labor laws series 561
labor offices and officials 123
motor vehicle regulations, etc 385
payment of certain claims by U. S 631
petroleum refineries, 1930 225
post offices with names changed 66, 349
schools, to amend law restricting 520, 629
tourist travel promotion 480
unemployment (2 entries) 826
unemployment insurance 433
values of foreign moneys (formerly values of foreign coins) 72, 269, 577, 932
wages, prices, freight rates, etc 883
wholesale prices, outline of index numbers 254
see also International postal service—*also* names of countries.
Foreign debts, *see* Public debts.
Foreign exchange:
currency and exchange handbook 297
Foreign mail service, *see* International postal service.
Foreign officers serving with U. S. Navy 125, 343, 727, 993
Foreign Plant Introduction Office or Division, plant material introduced 288, 868, 1025
Foreign relations:
papers relating to, 1916 supplement 266
papers relating to, 1918 199
publications for sale by supt. of docs 241
Foreign Relations Committee, Senate:
calendar 37, 520, 676, 967
hearings 162, 233, 521, 800
reports 102, 520–521, 676–677, 801

Page

Foreign Relations Council, *see* Council on Foreign Relations.
Foreign securities, American underwriting. 296, 772
Foreign service:
accounts and returns, Executive order 1074
administration, Executive order 1074
appointments, order amending regulations. 926
buildings, additional funds—
hearings 631
reports 631, 801
clerks, grading and classification 620, 784
foreign service list 133, 266, 574, 929
information and examination questions 199
instructions to diplomatic officers 264, 351, 734, 842
minister to Liberia, salary 616
quarters, occupation and maintenance 1000
relief of certain officers, etc 19
reorganization and improvement 620, 784
representation allowances, Exec. order. 130, 1075
retirement and disability fund, rp 447
unhealthful posts, Executive order 1074
see also Consuls.
Foreign service retirement and disability fund, *see* Foreign service.
Foreign Tariffs Division 157, 771
Foreign trade, *see* Commerce.
Foreign Wars of United States, Veterans of, *see* Veterans of Foreign Wars of United States.
Foreigners, *see* Aliens.
Forest conservation, *see* Conservation.
Forest fires:
attention motorists 215
careful! be sure it's out 7
cooperation of U. S. with Territories—
hearing 882
law 790
reports 35, 489
destroy game, good hunting in green forests. 470
fire weather—
comparisons, 1929 fire-weather 379
disastrous fire weather, 1929 379
fire weather and fire climate 379
Lake States service 870
help prevent woods fires, grow timber 763
in California, 1911–20 949
in California pine region, hour control 151
on which side of the fence are you? 215
revested lands, trespass regulations 512
think it over, fire is outlaw in woods 7, 286
vacation land in national forests 470
Forest fuels, moisture content 379
Forest nurseries:
to sell nursery site in Nebraska—
hearing 622
reports 512, 622
Forest products:
census report 874
rates on 115, 179, 424, 710, 1055
see also names of products.
Forest Products Laboratory 255, 868
Forest ranger stations, *see* names of stations.
Forest Reservation Commission, *see* National Forest Reservation Commission.
Forest reserves, *see* National forests.
Forest Service 7, 87, 151, 215, 286, 375, 470, 599, 763, 866, 948, 1024.
buildings on Government Island—
estimate 740
hearings 653
law 784
report 653, 690
directory 286, 949
posters 7, 470
regions—
Eastern National Forest Region 7, 286, 1024
Intermountain Region 287, 375, 866
North Pacific Region 3
Northern Region 215
relief of certain employees 625, 663
report, 1930 286
work, to facilitate and simplify 36, 616
see also Stuart, Robert Y.
Forest worker (periodical). 87, 215, 375, 599, 866, 1024
Forestry, *see* Forests and forestry.

Page

Forestry, Agriculture, and Animal Industry, Inter-American Conference on, *see* Inter-American Conference on Agriculture.
Forests and forestry:
agricultural and forestry series 260
cooperation of U. S. with Territories—
hearing 882
law 790
reports 35, 489
erosion, how forests prevent 151
forestry and farm income 286
forestry as a profession 1024
forests and floods 1024
good manners in the forest 7, 1024
grazing, effect on vegetation 209, 281
in P. R., extend reforestation, etc., act—
hearings 530, 882
law 790
reports 490, 530, 660
in Utah—
forest resources 287
Government forest work 866
keep stock out of woods, it pays 7
meteorological conditions cause diseases 601
planting material, use of fertilizers 151
profits from farm woods 152
publications—
for sale by supt. of documents 808
forestry for the farm 286
research, correlation alinement charts 599
trees for planting in Mont. and Idaho 151
woods-wise camper 7, 286
see also National forests—Timber—*also* certain headings beginning Forest.
Formalin, scarlet fever streptococcus toxin modified 851, 1085
Forms, *see* names of Departments, bureaus, etc., issuing forms.
Forrest, Thomas W. W., patent appeals 228
Forsling, C. L., influence of plant cover on runoff, etc 763
Forsyth, Mabel V. P. S., *v.* United States. 235, 411
Forsyth, Mo., bridge 642, 673, 789
Forsyth coal field, Montana 106
Fort, *see* name of fort.
Fort Apache Reservation, purchase of lands 633, 679, 784
Fort Berthold Reservation, distribution of judgment to Indians 633, 679, 790
Fort Hall irrigation project 616
Fort Hamilton Park, memorial to Dover Patrol 789
Fort Lynn, Ark., bridge 29
Fort Peck Reservation:
children to attend Frazer high school 616, 633, 679
children to attend Poplar high school 618, 634, 679
Fort Thomas, Ky., to widen, etc., avenue 646
Fort Wayne, Ind., switching charges 908
Fort Worth, Tex., terms of court 682
Fort Worth & Denver City Ry.:
rates on—
ammunition 47
mules 905
routing of iron and steel articles 321
trackage 976
Fort Worth & Denver Northern Ry 247
Fort Worth & Rio Grande Ry 711
Fortier, Samuel:
irrigation practices in growing alfalfa 8
irrigation requirements, Columbia R. basin 218
Fortification, training regulations 938
Forts, *see* Military posts—*also* names of forts.
Fortymile district, Alaska, mining 537
Fossils:
ancient life forms in western rocks 839
Burgess shale fossils, addenda 1077
Burgess shale fossils, restudy 356
decapod crustaceans from Mexico 265
hunting in Bridger Basin of Wyoming 839
peculiar fossil forms from Calif., etc 265
pursuing microfossils 839
see also Birds—Mollusks—Plants (fossil)—*also* names of fossil animals, etc.
Foster, E. E., *v.* Rex B. Goodcell 429
Foster, Frank K., junior high school principal. 313
Foster, Hampton H., automatic injection valve 1064

Page

Foster, M. H., marine hospitals, management. 364
Foster, Terry C., vocational guidance in rehabilitation 163
Foster & Kleiser Co 821
Foster Inlet, chart 345
Foulkes, William H., churches, unemployment a challenge 872
Foundations (educational):
biennial surveys 241, 809
directory, 1931 809
Foundations of family life 535
Foundries, wages and hours of labor, 1929 340
Foundry-apparatus, standard stock catalogue. 932
Fountain syringes, standard stock catalogue 746
Fourchy, Andre, *v.* United States 1042
Fourdrinier wires, *see* Wire.
Fourth-class mail, *see* Parcel post.
Fowey Harbor, chart 258
Fowl ticks, how premises may be freed 150
Fowler, Earl D.:
soil surveys—
Butler County, Ohio 1021
Putnam County, Ind 6
Fowler, Henry W., fishes obtained by steamer Albatross 1002
Fowler, Margaret B., court cases 268, 328, 357, 428
Fowler, Raymond F., New Orleans, La., district, rp 588
Fowls, *see* Poultry.
Fox, Carroll, rat flea survey of Savannah, Ga 851
Fox, Florence C., Oregon Trail, notes 242
Fox, Milo P., Galveston, Tex., district, rp 587
Fox, William, United States *v.* 911
Fox Film Corporation 911
Fox Indians, studies 840
Fox Point, N. H., bridge 501, 517, 785
Fox River, Ill., bridges 25, 501, 616, 667, 784
Fox River, Wis., flood control, examination 399, 487, 517
Fox Theatres Corporation 911
Fractures:
antipendulum apparatus and frame 256
facial bones, multiple fractures 585
faulty union of fractures 140
skull fractures in epileptics 937
Frame house construction 414
Franc, Swiss, new conversion table 348
France:
American business in France, guide 772
banking system and practices 479
chemical industry and trade, 1929 224
income tax on shipping profits, relief 574
law and legal literature, guide 991
pilot, supplement 919
taxation of business 960
water colors by Henry Bacon 840
France, French bark:
relief of owners 20, 676
France et Canada Cie. Française de Navigation 187, 235, 887, 1060
Francis, Wilfrid, oxidizability, etc., of coal 1035
Francisco Sugar Co 553
Franco-American Construction Co., Inc 187, 1042
Frank, Jacob W., *v.* comnr. of internal revenue. 984
Frank, Robert J., patent appeal 610
Frank, W. W., carcinoma of lungs and pancreas 937
Frankfort & Cincinnati R. R 1056
Franking privilege:
address of F. A. Tilton on free mail 348
laws between 1789–1930, abstract 129
official files of Members of Congress 404, 528, 790
Franklin, Carrie L., toilet articles 696
Franklin, S. H., Co., furniture 114
Franklin County, Nebr., soil survey 761
Franks, E. T.:
America's undeveloped resources 1044
bridge 638, 671, 786
Franz, Paul, relief 20
Fraser, Alexander, *v.* United States 531, 821, 1042
Fraser, James E., relief 625
Frayser, Benjamin H., varicose veins 203
Frazer, Mont., high school 616, 633, 679
Frazier, Benjamin W., teacher training 241
Frazier, L. V., Jacksonville, Fla., district, rp 588
Frazier, Lynn J. (Senator from N. Dak.):
reports made by—
Indian Affairs Com 408, 521–523, 678–680
Pensions Com 689

Page

Frazier, Susie J.:
cotton, sugar, and tobacco statistics 4
miscellaneous agricultural statistics 84
Frazier, William H.:
phenol esters 273, 749
so-called ginger paralysis 75, 273 (2 entries), 749
Frazzalone, Mary A., *see* Frusolone, Mary A.
Frear, Donald E., nitrate nitrogen in beet leaves, etc 595, 758
Fred, Charles H., District of Columbia *vs.* 358
Frederick, Fort, bronze cannon 505, 785, 802
Frederick Sound, chart 1032
Fredonia Linseed Oil Works Co 710
Free, Arthur M. (Representative from Calif.):
minority views—
Immigration and Naturalization Com. 794
report made by—
Immigration and Naturalization Com. 632
Free energy generator, garabed 33
Free mailing privilege, *see* Franking privilege.
Freed, Harold, undulant fever and malarial infection 274
Freedmen's Hospital 313
report, 1930 313
Freeland, Ellicott H., *v.* United States 968
Freeman, Hugh B., comparison of propellers 1064
Freeman, James E., churches' responsibility in emergency 872
Freeman, John R., National Hydraulic Laboratory 35, 883
Freeman, Mrs. Robert D., appointment 196
Freeman, Walter:
psychiatry, biometrical studies 108, 974
torula meningoencephalitis 974
Freeport, Fla., bridge 24
Freer Gallery of Art 1001
report, 1930 573
Freet, George, relief 20
Freezing points:
nickel, fixed point on internat. scale 391, 485
platinum 1038
water, altitude in atmosphere 952
Freidson, Irving, motor roads in Africa 386
Freight:
commodity statistics—
quarterly 108, 245
year ended Dec. 31, 1929 108
transportation, standard stock catalogue 135
Freight-cars:
case of Alexander King Stone Co 710
furnishing at variance with orders 1055
rules for car hire settlement 114
see also Refrigerator-cars.
Freight rates:
class, etc., rates in Florida peninsula 815
eastern class rate investigation 48, 710
foreign and domestic statistics 883
in re sec. 3 interstate commerce act 710
intrastate rates within Louisiana 114
less-than-carload shipments, exceptions 114
long and short haul, hearings 162
Pacific Coast 4th section applications 114, 979
southwestern cases consolidated 114, 979
southwestern rates 177, 1055
to and from S. Atlantic and Gulf ports 544
transcontinental class, etc., rates 710
western trunk-line class rates 48, 1055
see also names of commodities, names of associations, companies, railroads, and, for boards of trade, etc., name of place where located.
Freight stations, discontinuance in New York City 1055
Fremantle Harbor, chart 921
French, Burton L. (Representative from Idaho):
reports made by—
Appropriations Com 623
Conference Com 621
Pay and Allowances in Army, Navy, etc., Joint Committee to Investigate 511
French, H. J., flow characteristics of alloys 17, 98
French, O. P., & Sons Co., slag 981
French, Rowland B., use of preservatives in cow excreta 209, 281
French Broad River:
bridge in Tennessee 501, 517, 616
flood control, preliminary examination, rp. 399

Page
French Company of Marine and Commerce. 20, 676
French Guiana, air mail service. 194, 261
French Veterans of World War, entertainment during convention. 631, 677, 784
Frequency measurement, *see* Electric currents.
Fresh-air chambers, moisture content of air and wood. 861, 868
Fresno, Calif., First Nat. Bank, court case. 328
Frey, John W., Switzerland as petroleum market. 386
Frey, R. W.:
hides and skins lose value by mishandling. 5
home tanning of leather and small skins. 373
leather shoes, selection and care. 1021
preservation of leather bookbindings. 284
Frick, H. F., relief. 20
Friction:
coefficient of fabrics. 99, 231
coefficients of walkway materials. 99, 232
Friedlander, Bernice K., *v.* U. S. 236
Friedmann, Herbert:
explorations of David C. Graham in China. 840
social parasitism in birds. 353
Friendship, International, World Alliance for Promoting, *see* World Alliance for Promoting International Friendship through the Churches.
Friendship with El Salvador, treaty. 447
Fritz, John, hypothyroidism. 1011
Fritzen, James C., relief. 20
From school to work. 340
Frontal lobe, *see* Brain.
Frost, B. M., world's pulp and paper markets. 386
Frost, Jesse A., relief. 20
Frost, W. H., influenza and pneumonia mortality. 203, 583
Frost, William J., relief. 409, 614
Frost Gear & Forge Co. *v.* United States. 235, 531, 719
Fructose, application of fluorating process. 775, 964
Fruit:
a fructicultura na California. 260
canned, determining tenderness. 866
canned, industry of Australia. 13
cooperative marketing associations, local. 308
industry of Union of South Africa. 386
inspection and certification. 759
mailing in Florida, restrictions removed. 348
rates on. 319, 545, 903, 979
refrigeration charges. 817
statistics. 4
see also Citrus fruit—*also* certain headings beginning Fruit—*also* names of fruits, fruit diseases, and fruit pests.
Fruit culture:
Government publications for sale. 417
home fruit garden on Great Plains. 288
permanent fruit garden. 377
see also Citrus fruit—*also* names of fruits.
Fruit-fly, *see* Mediterranean fruit-fly.
Fruit-jars, rates on. 177, 320, 903
Fruit juices:
market in Pacific countries. 13
market in United Kingdom. 608
Fruit Products Co. of Florida. 178
Fruit trees, *see* Citrus fruit—*also* names of fruits.
Fruits, *see* Fruit.
Frush, Harriet L.:
electrolytic oxidation of sugars. 1038
fluorating process applied to fructose. 775, 964
Frusolone, Mary A., relief. 779
Fry, J. W., receiver, granite. 545
Fry, Walter L., patent appeal. 299
Fry Equipment Corporation, tanks. 184
Fuchs, A. W., standard milk ordinance. 273
Fudge, J. F., soil survey of Sauk County, Wis. 150
Fuel:
Federal standard stock catalogue. 579
for locomotives. 44, 109, 168, 245, 316, 422, 538, 702, 811, 895, 975, 1050
mineral fuels. 106, 107, 810
publications for sale by supt. of docs. 808
see also Agricultural credit—*also* name of fuel.
Fuel-oil:
apparatus, engineering instructions (2). 726
distribution, 1929, national survey. 297
handling on ships, instructions. 485

Page
Fuel-oil—Continued.
importation, to regulate—
hearings. 658, 671, 800
report. 671
rates on. 177, 903, 979
specifications, etc. 747
standard stock catalogue. 579
Fuels, *see* Fuel.
Fugitives from justice, *see* Extradition.
Fukasawa, H., relief. 22
Fuller, Claude A. (Representative from Ark.):
reports made by—
Public Lands Com. 509, 654
Fuller, Clifford, United Kingdom handbook. 226
Fuller, G. L., soil survey of Clarke Co., Ga. 468
Fuller, Lowell G., relief. 614, 684
Fuller Construction Co., sand. 183, 715
Fuller's earth, production in 1929. 226
Fullerton Lumber Co. 930
Fullmer, I. H., sheet metal. 881
Fulmer, Hampton P. (Representative from S. C.):
report made by—
Agriculture Com. 489
Fulton, Miss., bridge. 402, 519, 619
Fulton Sylphon Co., sand. 907
Fumigants, *see* Disinfection and disinfectants.
Fundy, Bay of, pilot. 61
Fungi, medical mycology. 60, 61, 256
see also names of fungi and fungous diseases.
Fungicides, relation to flow of grain. 8
Fungous diseases, *see* names of diseases.
Funk, W. H.:
gastric analysis, simple method. 829
retroperitoneal reticulum cell sarcoma. 1066
Funk Bros. Seed Co., seed treatments for corn. 1025
Fur:
customs appeal. 696
home tanning of small skins. 373
laws and regulations—
Alaska, 1931–32. 863
Alaska, amendment to regulations. 149
laws for season 1930–31. 211
rabbit skins for fur. 212
see also names of fur-bearing animals.
Fur-seal, *see* Seal and seal fisheries.
Furey, Robert H., *v.* United States. 235
Furloughs, *see* Civil service.
Furnaces:
boiler, refractories service. 481
rates on house-heating furnaces. 716
see also Blast furnaces.
Furnas, C. C., blast furnace. 14
Furnishings, men's, etc., stock catalogue. 1082
Furniture:
color for school furniture. 161
duty on bent-wood furniture, decreasing. 1075
industry, wages and hours of labor. 724
rates on. 114, 177, 248, 545, 711, 903, 979
selection and use. 871
specifications, etc. 849
standard stock catalogue. 580, 932
upholstered, control of moths. 598
Fusan Ko, chart. 1068
Fuselage, PW-9 plane, pressure distribution over. 991
Futures, *see* Options and futures.
Fuze setter, standard nomenclature list. 754
Fuzes, nomenclature lists. 460, 461

G

G. A. R., *see* Grand Army of the Republic.
Gabon River, chart. 192
Gage, Charles E., cotton, etc., statistics. 4
Gage, Elliot H., *v.* United States. 531
Gage Roads, chart. 921
Gages:
chromium-plated gages, wear resistance. 612, 775
optical coincidence gage. 612, 776
piston gages for precision measurements. 1038
plug and ring gage blanks. 302
see also Rain gages.
Gaglione, Michael, *v.* United States. 124
Gaillard Cut, chart. 345
Gainesville & Northwestern R. R., dry-kilns. 815
Galena, Mo., bridge. 636, 668, 785
Galeno Chemical Co., Maurice Campbell *vs.* 359
Galesburg Horse & Mule Co., Inc., horses. 545

Page
Galion Iron Works & Manufacturing Co. 548
Gall bladder, diseases, symptomatology 76
Gallagher, Bernard A., tuberculosis of fowls 1021
Gallagher, E. T., undulant fever, etc. 274
Gallagher, James, Merchants Warehouse Co. v. 720, 896, 1005
Gallagher, M. L., exercise in tuberculosis 203
Gallahan, Jennie B., relief 673
Gallegos, Port, chart of port and anchorage 994
Galley-gear, standard stock catalogue 1081
Galloway, A. E., activated carbon production 387
Galloway, William A., trade in petroleum, etc. 157
Gallup, Willis D., protein digestibility 1019
Galpin, C. J., agricultural statistics 84
Galtsoff, Paul S.:
oxygen consumption of oysters 479
study of seed oysters 295
Galván, Luis E., la educación pública en el Perú 65
Galveston, Tex.:
charts of entrance 94, 769
rivers and harbors in district, rp. 587
Galveston, U. S. S.:
silver service for Rosenberg Library 403, 618, 688
Galveston Bay, charts 156, 769
Galveston Cotton Exchange & Board of Trade 709
Galveston, Harrisburg & San Antonio Ry.:
demurrage 544
rates on cattle 708
Gambling:
suppression of lotteries in Canal Zone 639
to prohibit in Canal Zone 639
Gambrinus, V. Loewers, Brewery Co. 187, 553
Game:
good hunting in green forests 470
laws and regulations—
Alaska, 1931-32 863
Alaska, amendment to regulations 149
Alaska, to amend game law 615, 659
Federal laws 149, 863
summary of Federal, etc., statutes 211, 373
open season for game, 1930-31, poster 85
protection, directory of officials 211
see also Wild life.
Game-birds, *see* Birds—Game.
Game refuges and reservations:
in Ocala National Forest 25
map showing game reservations 536
see also names of refuges and reservations.
Gamm, Julius, *v.* comnr. of internal revenue 121
Gams, Edmund, *v.* Treasurer of U. S., etc. 10
Gangrene of penis caused by iodine 436
Gantz, Ben S., *v.* United States 121, 306
Garabed free-energy generator 33
Garbage, from rinderpest, etc., regions 595
Garbage tankage, rates on 545
Garber, B. A., comnr. of internal revenue *v.* 821
Garber, M. C., comnr. of internal revenue *v.* 428
Gardening, *see* Gardens.
Gardens:
city home garden 8
dry-land gardening 1025
fruit and vegetable, permanent 377
home fruit garden on Great Plains 288
home gardening in the South 868
home gardens for employment and food 927
spruce up your garden 767
vegetable seeds 1025
Gardiners Bay, chart 156
Gardner, I. C.:
chromatic aberration of microscopes 1038
optical coincidence gage 612, 776
Gardner, Kelsey B., meat, consumer habits, etc. 466
Garlic, effect on flavor and odor of milk 150
Garment hangers, rates on 545
Garner, W. W.:
photoperiodic response of soybeans 371, 471
tobacco culture 377
tobacco curing 868
Garrett, Daniel E. (Representative from Tex.):
report made by—
Military Affairs Com. 403
Garrett, John O., *v.* United States 235
Garsaud, Marcel, quo warranto proceedings 523
see also Federal Power Commission.
Garsons Iron & Steel Co., rails 117
Garton, W. M.:
battalion aid station equipment 256
correction of entry 464
Page
Garvan, John M., Manóbos of Mindanáo 991
Garvan collection, *see* Mabel Brady Garvan collection of prints.
Gas, *see* Gases—*also* certain headings beginning Gas.
Gas (fuel):
Federal standard stock catalogue 579
importation, permits for pipe lines 692
Gas (illuminating):
report of Federal Trade Commission 104, 239, 416, 971
Gas (natural):
distribution and utilization, rp. 105
importation, permit for pipe lines 692
Kevin-Sunburst oil field, Mont. 106
operations on restricted Indian lands 244
production of natural gas in 1929 609
prospecting permits in Oreg. Basin 29
re-forming natural gas 481
Seneca lands, receipts, etc., from leasing 534
stock-raising homestead on gas lands 691, 784
unit plan of gas field development—
committee reports 655, 692
hearings 885
laws 28, 787
report of Oil Conservation Board 105
Gas anesthesia 203
Gas Association, *see* American Gas Association.
Gas fields, *see* Gas (natural).
Gas-lift method of flowing oil wells, Calif. 158
Gas masks:
Army technical regulations 366
testing procedure for permissibility 297
Gas-meters, rates on 48
Gas oil, rates on 48, 177, 711
Gases:
analysis of gas mixtures, apparatus 485, 612
blast furnace, gas-solid contact 14
coal-mine gases, technical information 1044
compressed gas cylinders 204
contraction coefficients of jets of gas 964
explosive reaction, effect of pressure 725, 1064
inflammability limits 609
ordnance nomenclature list 278
photoionization of caesium 99, 230
publications for sale by supt. of docs. 808
safety rules, navy yards 730
standard stock catalogue 135
toxic, from 60% gelatin explosives 387
warning agents, poisonous, etc., gases 387
see also certain headings beginning Gas—*also* names of gases.
Gaskets, standard stock catalogue 135, 452
Gasoline:
cooperative stations, 1929 189
natural gasoline in 1929 609
publications for sale by supt. of docs. 808
rates on 114, 178, 320, 711, 904, 1056
specifications and proposals 74
standard stock catalogue 579
Gasoline Products Co., Inc. 1004
Gaspar Strait, chart 565
Gastric, *see* Stomach.
Gatewood, Mrs. Johnnie S., relief 492
Gathmann, Emil, *v.* United States 887
Gauges, *see* Gages.
Gaumnitz, Walter H.:
education in rural communities 700
smallness of rural high schools 166
Gavin, J. J., & Co., fezzes 162
Gawler, Charles S., relief 779, 798
Gay, Emile W. S., Fed. Trade Comn. rp., etc. 164
Gay, Katherine, Fed. Trade Comn. rp., etc. 164
Gay, William S., *see* Gay, Emile W. S.
Gazette, *see* Official gazette.
Gearing, effect on propeller interference 1064
Gedney & Sons, Inc., drag-line machines 424
Geese:
goose raising 149
trematode worm from Canadian goose 265
Gehl, R. M., rice-scouring device 283
Gehringer, G. M., atonic colitis complication 585
Geib, W. J.:
soil surveys—
Manitowoc County, Wis. 947
Sauk County, Wis. 150
Geiger, J. C., malaria in railroad camp 851, 1085
Geiger tube electron counter 17, 98

Page

Gelalles, A. G.:
fuel injection nozzles 828
oil engine injection system 59
Gelatin:
edible, decreasing rates of duty 837, 1080
edible, differences in production costs 1080
Gelatin explosives, toxic gases from 387
Gelberg & Schwartz 1046
Gemar, Frank, bacteriophage adsorption by bacteria 751
Gemmell, Ralph, soil survey of Clay Co., Nebr 760
General Accounting Office 104, 164, 240, 310, 416, 534, 699, 808, 890, 970, 1046
building, acquisition of site, etc.—
hearings 653
claims allowed 450, 577, 578, 739, 740, 741
decisions of comptroller general—
July, 1929–June, 1930 310
July, 1929–June, 1930, index-digest, etc 534
July–Sept. 1930, index-digest 240
Oct.–Dec. 1930, index-digest 699
Jan.–Mar. 1931, index-digest 890
monthly 104, 240, 310, 416, 699, 808, 890, 971, 1046
relating to Army 1089
report of comptroller general, 1930 310
useless papers 803
General Claims Commission, U. S. and Mexico 738
opinions of commissioners 738
General Construction Co., cranes 176
General Dry Batteries, Inc., carbon flour 978
General Electric Co., De Forest Radio Co. *vs.* 1079
General Grant National Park, circular 894
General Grinding Wheel Corporation 542
General Land Office 242, 313, 418, 536, 810, 973
report, 1930 313
General Metal Co., brass 543
General Mills, Inc., wheat 549
General Motors Acceptance Corporation 328
General orders, *see* names of Departments, bureaus, etc., issuing orders.
General Outdoor Advertising Co., Inc 805
General Paper Co., Inc., wood-pulp 982
General paralysis, *see* Paralysis.
General Petroleum Corporation of Calif 962
General Staff Corps 941
General Supply Committee 74, 137, 362, 454, 582, 747, 849, 1009, 1084
General Water Heater Corporation 52
Genesee & Wyoming R. R., bonds 318, 897
Geneva, Switzerland, Conference on Limitation of Manufacture of Narcotic Drugs 574, 631, 789, 846
Gennert, G., Inc., camera tripods 163
Geodesy:
operations in U. S., 1927–29 93
publications of Coast and Geod. Survey 93
work by Corps of Engineers, Army 93
work of International Boundary Comn 93
Geodetic and Geophysical Union, *see* International Union of Geodesy and Geophysics.
Geodetic Survey, *see* Coast and Geodetic Survey.
Geographic Board 42, 105, 240, 417, 699, 890, 971, 1046
decisions 42, 105, 240, 417, 699, 890, 971, 1046
Geography, publications for sale 105, 890
Geological Congress, *see* International Geological Congress.
Geological Survey 43, 106, 166, 242, 313, 419, 537, 700, 810, 892, 973, 1048
publications—
for sale by supt. of documents 890
lists 43, 107, 166, 243, 314, 419, 537, 701, 810, 892, 973, 1048
relating to Alaska 419, 537
report, 1930 314
triangulation, traverse and leveling 93
Geological Surveys of States, *see* names of States.
Geology:
contributions to economic geology, 1929 106, 107
contributions to economic geology, 1930 810, 892

Page

Geology—Continued.
of—
Alaska, northwestern 106
Big Snowy Mountains 810
California, geologic units 700
Carbon, etc., counties, Mont 166, 810
Meeker quadrangle, Colo 106
Nizina River 419, 537
North America, 1919–28, bibliography 700, 810
Sandoval County, N. Mex 892
San Joaquin Valley, Calif 106
Wood River region, Idaho 43
Yosemite Valley 314
publications for sale by supt. of docs 890
see also the following names of periods: Cambrian—Cretaceous—Pleistocene—Tertiary.
George, C. Albert, relief 20
George Rogers Clark Sesquicentennial Commission, amend resolution establishing 504, 620, 784
George Washington bicentennial commissions, *see* District of Columbia Commission for George Washington Bicentennial—Washington, George, Commission for Celebration of 200th Anniversary of Birth of.
George Washington Birthplace National Monument, proclamation 926
George Washington Memorial Parkway:
acquisition, etc., to amend act—
hearings 653
minority views 653
reports 653, 674
structures on Potomac restricted 31
George Washington-Wakefield Memorial Bridge 401, 518, 618
Georgetown branch library in D. C 629
Georgetown Harbor, S. C., chart 1033
Georgia:
bridge, *see* Oconee River.
census, 1930—
population 222, 955
unemployment 955
district judge Deaver, complaint against 32, 642
Federal aid highway system progress map 600
plum curculio in peach belt 214
postal service—
mail routes, schedules 67, 195, 443, 732, 999, 1073
post route map 733
Public Service Commission—
v. United States, etc 896, 911, 1079
seacoast, Savannah lightship 14
Georgia & Florida R. R.:
abandonment 318
rates on lumber 905
receivers' certificates 46, 111
restriction in routing 118
trustee *v.* Virginia Iron, Coal & Coke Co 553
Georgia, Ashburn, Sylvester & Camilla Ry 171
Georgia Oil Co., gasoline 711, 1056
Georgia Power Co. *vs.* Decatur, Ga 200
Georgia Railroad, rates on fruit-jars 320
Georgia Southern & Florida Ry.:
rates on—
bricks 1054
gasoline 711
Georgia Southern Freight Bureau:
corn 1054
lumber 712
phosphates 714
Georgia Southwestern & Gulf R. R 111
Georgia State College of Agriculture:
livestock possibilities in Coastal Plain 282
soil surveys—
Clarke County 468
Lee County 284
Georgian Bay, chart 142
Gerde, M. A., care, etc., after teeth extraction 76
Gerish, Edward F., distribution of dry goods 607
Germain Lumber Co., lumber 179
German-American Claims Commission, *see* Mixed Claims Commission, U. S. and Germany.

Page

Germany:
agreement with, Treas. Dept. rp. extract 1007
chemical developments in 1930 876
extradition treaty with U. S. 842, 1002
income tax on shipping profits, relief 929
labor conditions in automobile industry 57
leather industry and trade 772
reimburse for war claims expenses 29
reparation bonds, purchase by U. S. banks 31
see also Mixed Claims Commission, U. S. and Germany.
Germicides, *see* Disinfection and disinfectants.
Gerry, C. N.:
gold, silver, copper, lead, and zinc in—
Arizona 226
Idaho and Washington 96, 961
Utah 1036
Gerry, L. S., production of explosives, 1929 297
Gettinger, Samuel, relief 20
Getty, R. E., sorghums for forage 377
Gibbens, R. T., tests of sugarcanes 868
Gibbons & Reed Co., asphalt 1053
Gibbons Knitting Co. 104
Gibbs, Harry D., Alfred Wohl *vs* 1022
Gibbs, Tucker C., *v* United States 411, 1042
Gibraltar, Strait of, pilot 343
Gibson, Ernest W. (Representative from Vt.):
minority views—
Immigration and Naturalization Com. 499, 632
Gibson, K. S., filters for reproduction of sunlight and daylight, etc. 775
Gibson, Thomsen & Co., tooth-brushes 806
Gidley, James W.:
fossil horse round-up on Oregon trail 840
investigations of early man in Florida 840
Gifford, Charles L. (Representative from Mass.):
report made by—
Election of President, Vice President, and Representatives Com. 630
Gifford, E. W., Kamia of Imperial Valley 840
Gifts:
it's a gift! Christmas gifts of cotton 296
shipments abroad 348
Gigling Field Artillery Range, timber 646
Gila River Reservation 633, 679, 784
Gilbert, A. Louise, appointment 68
Gilbert Grocery Co., relief 20
Gilberts Ferry, bridge 24
Gilchrist, Raleigh, osmium separation, etc. 775, 965
Gile, P. L., adsorption of acid dye anions by soil colloids 209, 212
Giles, Albert W., climatic cycles 290
Giles, N. B., trade, etc., schools, directory 533
Giles, William W., relief 646
Gill, Burgo D., relief 20
Gill, L. S., chestnut blight 287
Gill-Virden Co., glass-globe signs 815
Gillen-Cole Co., fire-brick 815
Gillespie, George S., *v.* United States 236, 328, 531
Gillespie, James M., *v.* United States 102, 328, 1042
Gillespie, Julian E., relief 515, 614
Gillett, R. L., soil of Bergen area, N. J. 597
Gilliland, T. R.:
Kennelly-Heaviside layer height 302, 485
radio recording apparatus 612, 776
Gilliland Oil Co., pipe 547
Gilman, Harris H., receiver, relief 22
Gilman, W. S., *v.* comnr. of internal revenue 821
Gilmore, Charles W.:
dinosaurian reptiles 356
fossil hunting in Bridger Basin 839
troödont dinosaur of Lance formation 1002
Gilson, Edna M., relief 492
Gilsonite disposition in Utah 509, 691
Ginger-ale, rates on 1056
Ginger paralysis:
epidemic in southern California, 1930-31 1010
pulmonary tuberculosis complicated by 853
reports 75, 273 (2 entries), 749
Ginnings, D. C., methyl alcohol, etc. 965
Ginsburg, Ben, Co., Inc. 821, 984
Ginsburg, Isaac, snappers, Gulf of Mexico 295
Ginsburg, Sam, Fed. Trade Comn. rp. etc. 699
Ginsburg, William, Fed. Trade Comn. rp. etc. 699
Ginseng:
culture 950
diseases and control 8
Gipsy moth 377

Page

Giragossian, Garabed T. K., free-energy generator 33
Girls:
athletic badge tests 891
forty books for girls 418
how girls can help in drought emergency 891
Glacier National Park, circular 894
Glacifer Co., ice cream 320
Gladman, Harry E., court case 308, 328, 553
Glaser-Crandell Co., United States *v.* 329
Glasford quadrangle, Ill. 167
Glass:
electrode measuring pH of blood 203, 456
heating curves, variations 880
heating cycles, dimensional changes 160, 302
joints, elimination of waste 160
mirrors by metal deposition on glass 485
plate-glass mirrors, waste elimination 881
rates on—
glass 115
plate-glass 714, 817
wire glass 425
soda-lime-silica, index of refraction 1038
specifications, etc. 747
see also Glassware.
Glass-cloth, rates on 545
Glass-globe signs, rates on 815
Glasses, *see* Glass.
Glassey, T. W., soil of Eugene area, Oreg. 597
Glassware:
price list, Army regulations 77
standard stock catalogue 1081
Glazes:
moisture expansion 775, 965
strains between glazes and bodies 17, 98
Glen Mary, Tenn., railroad accident 45
Glencoe Ranch Co., relief 22
Glendale & Montrose Ry. 423
Glenn, Otis F. (Senator from Ill.):
reports made by—
Claims Com. 662–665
Glenwood Springs quadrangle, Colo. 314
Glidden Co., lithopone 1056
Gliders (aircraft):
gliders and gliding 11
Glioma, intracranial tumor 203
Globe Grain & Milling Co.:
corn 48
switching charges 981
v. United States 306
Globe Indemnity Co.:
settlement of suit at law 496, 614
Susan N. Powell *v.* 188
Globe Shipping Co., Inc.:
soap 806
turquoises 806
Glotzer, Louis, watermelons 322
Gloucester Harbor, chart 875
Glover, B. C., relief 20
Glover, L., Fed. Trade Comn. complaint, rp., etc. 698
Glover Reef, chart 832
Gloves, standard stock catalogue 1082
Glucose solutions, intravenous use 937
4-glucosido-α-mannose, optical rotation 302, 485
Glue:
case of Delaware & Hudson R. R. 1050
wood gluing 470
wood gluing in aircraft manufacture 215
Glue-stock, rates on 1056
Glutathione:
cysteine in presence of, estimation 750, 936
effect on cell division in amoeba 456, 850
influence on tissue oxygen consumption 750, 935
Glycerin, Federal standard stock catalogue 933
Glynn, James P., memorial services 613
Gnathotrichus, bark-beetles of genus 573
Go-Bart Importing Co., Inc., *v.* U. S. 329, 576
Goat-antelope in Pleistocene of Colo. 446
Goats:
milk goats 5, 1020
Godbey, L. J.:
angina pectoris 140
electrocardiography as diagnostic aid 751
Godfrey, G. H., root-knot, cause and control 8
Godfrey, Harry G., case of admx. 554
Godfrey, Jonathan, comnr. of internal rev. *v* 325, 825
Goergen, S. M., anhydrofructose, etc. 160, 301
Gofnick, Morris, refrigeration 182

Page

Goggles, chippers', Federal standard stock catalogue 847
Goiter:
endemic goiter in Northern Ireland 273, 850
exophthalmic, iodine in treatment 585
Goke, A. W.:
soil surveys—
Hamilton County, Nebr 864
Hardin County, Tenn 468
Gold:
in—
Arizona 226
California and Oregon 961
Colorado 226
Eastern States 298
Idaho and Washington 96, 961
South Dakota and Wyoming 878
Utah 1036
production and consumption, 1928–29 583
production in 1928 298
value of 1928 mine production 298
Gold inlay influence in dentistry 1011
Goldberger, Joseph:
lard, etc., blacktongue preventive 138
liver extract, blacktongue preventive 456, 850
Golden, P. L., manometry of explosions 878
Golden, Ross, Filaria bancrofti in human tissue 436
Golden Cycle Corporation 719
Golden Fur Dyeing Co., Inc 1045
Golding, Robert N., relief 663
Goldmann, Isaac, Co 428
Goldsborough, Phillips L. (Senator from Md.):
reports made by—
Naval Affairs Com 527, 687
v. comnr. of internal revenue 187
Goldschmidt, Th., A. G., court case 953
Goldwater, Laura, relief 625
Golombiewski, John, relief 20
Gong Bell Manufacturing Co 329, 1060
Gonococcus infection of heart 61
Gonococcus vulvovaginitis, biologic therapy 274, 456
Gonorrheal arthritis, treatment 851, 936
Gonzalez, Benjamin, relief 492
Good Brothers Seed & Grain Co., wheat 818
Good-conduct medal, *see* Medals.
Good-Grape Co., Federal Trade Comn. *v.* 890
Good Success Bay, *see* Buen Suceso, Bahia.
Gooding, Frank R., freight rates 979
Gooding division, *see* Minidoka irrigation project.
Goodrich, Theodora, central tray service 751
Goodwin, Orren P., disease of prostate gland 937
Goose, *see* Geese.
Gooseberries:
chemical eradication of Ribes 950
relation to white-pine blister rust 287
Gopher habits and economic status 597
Gordon, David, Building and Construction Co. 515, 625
Gordon, J. N., relief 509
Gorgas Memorial Institute of Tropical and Preventive Medicine, report 394
Gorgas Memorial Laboratory, report 394
Gorsuch, W. Stanley, relief 625, 663
Gorton, A. F.:
meteorology and weather forecasting 766
pyranometer records, haze and clouds 952
Gosney, Laurin, relief 779, 790
Goss, Edward W. (Representative from Conn.):
reports made by—
Military Affairs Com 505, 646
Goss, W. L., vitality of buried seeds 471
Gossard, H. W., Co., *see* Associated Apparel Industries, Inc.
Gott, John R., *v.* Live Poultry Transit Co 329
Gotwals, John C., St. Louis, Mo., district, rp 589
Gould, Arthur R. (Senator from Me.):
reports made by—
Immigration Com 677–678
Gould, H. P.:
apple-orchard renovation 216
fig growing, South Atlantic, etc., States 376
Gould, R. E., standard time zones 100
Goulette, Walter, relief 403

Page

Gourds for bird houses 85
Gove, W. D., effect of supercharger capacity 59
Gover, Mary, influenza, etc., mortality 203, 583
Government, *see* Political science—*also* certain headings beginning Federal—Government—National.
Government Actuary 74, 137, 202, 271, 363, 454, 582, 748, 849, 934, 1009, 1084
Government bonds, *see also* Bonds of United States.
Government buildings, *see* Public buildings.
Government contracts:
payments under, Army regulations 275
uniform requirements 643
see also Public works—*also* names of certain Departments.
Government documents, *see* Government publications.
Government employees, *see* Government officials and employees.
Government Hospital for Insane, *see* St. Elizabeths Hospital.
Government Island:
construction of buildings—
estimate 740
hearings 653
law 784
reports 653, 690
conveyance of lands to United States—
hearings 33
law 29
report 36
Government offices:
created from Sept. 14, 1901–Mar. 4, 1929 58
independent offices appropriations, 1932—
estimates 451
hearings 490, 661
law 784
reports 491, 620, 661
outside competitive classified service 220
supplemental and deficiency estimates 451, 741
work by one Dept., etc., for another 497
see also Claims—Executive Departments—Government supplies—*also* names of offices.
Government officials and employees:
appointed since 1918 from Vt., Md., etc 474
appointment in field services 25
appointments, etc., in Treasury Dept 740
classification—
changes in allocations of positions 351
in Philippines 1001
positions in D. C., act of July 3, 1930 25, 31
exempt certain employees from penal laws 643
fingerprinting procedure 1028
holiday on Dec. 24, 1930 444
in foreign countries, living quarters, etc 25
medals, etc., for distinguished work 32
medical facilities available 103
official register, 1930 222
participation in Arlington Co., Va., govt 1000
payment for Mar. 4, 1929 30
salaries—
adjustments in compensation, estimate 741
officials in Philippines 530
supplement to Govt. salary tables 164
Saturday half holidays, law 784
travel by motor cycle, etc 619
traveling expenses and allowances 1000
withholding pay for breach of contract 497, 784
see also Civil service—Civil service pensions—*also* names of Departments, bureaus, etc., where employed.
Government paper mill 793
Government Printing Office 42, 105, 165, 240, 310, 417, 534, 699, 808, 890, 971, 1046
facts and figures 310, 311
Harding Hall dedication 311
report, 1930 534
Technical Conf. of Printing Industry 1046
training of apprentices 534
useless papers 694
Government property, *see* Public property.

Page

Government publications:
bibliography in U. S. and elsewhere 434
catalogues—
1921–23, document catalogue, 67th Cong 534
1929–30, index to monthly catalogue 535
1930–31, monthly catalogue 42, 105, 165, 241, 311, 417, 535, 699, 808, 891, 972, 1047.
handy books, publications for sale 535, 1047
information governing distribution 241
State publications—
monthly check-list 58, 125, 190, 255, 434, 562, 828, 991
monthly check-list, index, etc., to v. 20 58
weekly list 42, 105, 165, 244, 311, 417, 535, 699, 809, 891, 972, 1047
what they are and how to remit for them 417
see also Congressional documents—Periodicals—Price lists—*also* names of Departments, bureaus, etc., issuing publications—*also*, for special list, subject of list.

Government securities, *see* Bonds of United States—*also* names of securities, e. g. Treasury bills.

Government specifications, *see* Government supplies—*also* special subject, e. g. Groceries.

Government supplies:
Federal standard stock catalogue 73, 135, 136, 201, 269, 270, 360, 361, 452, 453, 579, 580, 581, 744, 745, 847, 848, 932, 933, 1007, 1008, 1081, 1082, 1083.
general schedule, 1931, supplements 74, 363, 748
interdepartmental standards 73
quarterly price list, 1931 362, 454, 849
requirement forms 137, 849
specifications, outline of form 1008
specifications and proposals 74, 137, 362, 363, 582, 747, 748, 849, 1009
see also Army supplies—Military supplies—Naval supplies—Postal supplies—*also* names of Departments, bureaus, etc.—*also* names of special supplies.

Government works, *see* Public works.

Governmental labor agencies, *see* Employment agencies—Labor.

Governmental Officials in Industry of United States and Canada, Association of, *see* Association of Governmental Officials in Industry of United States and Canada.

Governors, *see* names of States, Territories, etc.

Governors Island, Mass.:
lease for Boston airport—
hearings 646
law 616
reports 505, 684

Governors Island, N. Y.:
increase flying-field area of Ft. Jay 647

Gowen, Philip D., *v.* United States 329, 576

Grace Construction & Supply Co., stone 1058

Grade crossings, *see* Railroad crossings.

Graham, David C., explorations, Szechuan, China 840

Graham, George S. (Representative from Pa.):
minority views—
Judiciary Com 643
reports made by—
Conference Com 619
Judiciary Com 32, 403, 503-504, 642-643, 795

Graham, Mary B., neuropsychiatric patients 366

Graham, R. E., *v.* Rex B. Goodcell 429

Grain:
billbugs destructive to cereal crops 6
black stem rust of cereals 88
cleaning on farms and in elevators 372
cooperative marketing associations 696
farm bulk storage 218
flow through drill, rel. to dust fungicides 8
for N. and S. Dakota and Montana 288
future market sale, to prevent 659
futures act, hearings on amendment 659
grasshopper control 865
harvesting in corn belt with combines 1020
insect outbreaks, how to save crops 1022

Page

Grain—Continued.
mejora de algunos cereales 923
Pacific States, bulk and sack handling 862
publications for sale by supt. of docs 417
rates on 115, 178, 248, 249, 545, 711, 815, 904, 975, 1056
statistics 4
stored-grain pests 6, 762
wireworms destructive to cereal crops 762
see also Sorghum—*also* names of grains.

Grain elevators:
claims of certain firms, to amend act 662, 789
cleaning grain in country elevators 372
drying grain at country elevator 153

Grain Exhibition and Conference, *see* World's Grain Exhibition and Conference.

Grain Futures Administration 216, 375, 470
report, 1930 375
work 470

Grain King Manufacturing Co 554

Grains, *see* Grain.

Granada, Nicaragua-Costa Rica, map 753

Granby anticline, Grand County, Colo 810

Grand Army of the Republic:
national encampments—
Army Band to attend at Des Moines 524, 645, 782, 789, 847
journal of 64th encampment 882
proceedings to be printed 689, 790

Grand Calumet River, bridge in Indiana 37, 393

Grand Canyon National Park, circular 1049

Grand Canyon Railway, bond 813

Grand Island, Nebr., radio station 667

Grand jury, *see* Jury.

Grand Marais, Mich., chart of refuge harbor 941

Grand Rapids, Mich., tornado, May 2, 1930 90

Grand Rapids & Indiana Ry., abandonment 247

Grand Rapids Varnish Co., Fed. Trade Comn. *v.* 310

Grand Teton National Park:
general information circular 894
names, decisions of Geographic Board 1046

Grand Traverse Point, lighthouse res 639, 671, 787

Grand Trunk Western R. R.:
abandonment 247
switching charges 1058

Grand Valley irrigation project 503, 681, 784

Grande, Porto, chart 994

Grande Ronde Valley area, Oreg., soil survey 212

Granite:
Federal standard stock catalogue 847
rates on 115, 178, 320, 545, 815

Granite Cordage Co., china-clay 708, 814

Granite Manufacturers' Association:
granite 320
unlading and lading 549

Graniteville Manufacturing Co.:
v. South Carolina Tax Comn 1005
v. United States 187

Grant, Annie I., J. T. Rose *v.* 52, 357

Grant, Frances R., Brazilian art 834

Grant, Hugh G., packers' consent decree 796, 797

Grant, John W., J. T. Rose *v.* 52, 357

Grant, L. N., bricks 424

Grant, U. S., 3d, address on George Washington 1041

Grant, William E. B., *v.* United States 236

Grant National Park, *see* General Grant National Park.

Granuloma inguinale, case report 829

Grape-fruit, *see* Grapefruit.

Grape juice:
rates on 904
unfermented, how to make it in the home 868

Grapefruit:
canned, production and trade 96
rates on 178, 711

Grapes, muscadine, home utilization 471

Grapevine quadrangle, Tex 893

Graphite:
production in 1929 226
rates on 115

Grasse, Comte de, correspondence with General Washington 883

Grasses:
fertilized and grazed, composition 209, 281
publications for sale by supt. of docs 417
wild, hosts of Hessian fly 1022
see also names of grasses.

Page

Grasshopper:
control in relation to crops 865
study of lesser migratory grasshopper 86
Grassy Bay, chart 921
Grassy Point, bridge 503, 519, 619
Gratiot, Fort, sale of land 25, 32
Gratiot, Point, land to Dunkirk, N. Y 25
Gravatt, Annie Rathbun, coniferous seeds 595, 764
Gravatt, G. F.:
chestnut blight 287
chestnut blight and tannin-extract industry 88
Dutch elm disease 950
Gravel:
Federal standard stock catalogue 847
production in 1929 962
rates on 49, 178, 183, 818, 904
Graves, Ida J., *v.* United States 236, 411, 719
Graves, S. J., & Sons Co., rails 182
Gravitation constant redetermination 391, 484
Gravity:
and isostasy 93
expedition of U. S. Navy in 1928 93
measuring cruise of submarine S-21 729
work at Standards Bureau 93
Gray, A. L.:
soil surveys—
Hardin County, Tenn 468
Rankin County, Miss 761
Gray, D. S., soil of Lyon County, Iowa 947
Gray, Hannah M., relief 646
Gray, J. P., malaria in railroad camp 851, 1085
Gray, L. C., land utilization and farm problem 282
Gray, R. B., fighting corn borer with machinery 89
Gray Channel, chart 344
Grays Harbor, chart 1032
Grays Harbor Motorship Corporation 411, 719
Graysonia, Nashville & Ashdown R. R 1058
Grazing:
effect on forest vegetation 209, 281
size of quadrat in determining effects 209, 281
Greases:
consistometer, application to greases 17, 98
Federal standard stock catalogue 1081
ordnance nomenclature list 278
Great Basin surface water supply 107, 243
Great Basin wireworm in Pacific Northwest 598
Great Britain:
Admiralty—
charts, index to H. O. station catalogues 257
chart of British Islands 437
chemical developments in 1930 876
communication chart of British Isles 437
convention on halibut fishery 842, 1078
income tax on shipping profits, relief 266
indemnity for H. W. Bennett's losses 520, 742, 782
industrial, commercial, etc., handbook 226
market for—
agricultural machinery 95
electrical appliances 296
fruit juices and fruit sirups 608
pilot, supplements 727, 831, 919, 993
Safety in Mines Research Board—
coal oxidizability, etc 1035
limits of inflammability of gases, etc 609
secondary education, English and American 809
unemployment insurance system 724, 725
water colors of England by Henry Bacon 840
see also names of certain countries comprising the British Empire.
Great circle sailing:
Atlantic Ocean charts 63, 921
Indian Ocean chart 921
Pacific Ocean charts 63, 922
Great Lakes:
bulletins to supplement charts—
bulletin 39, supplements 79, 142, 205, 277, 368
bulletin 40 1013
bulletin 40, supplements 1089
lake fisheries, 1929 1034
light list 961
notice to mariners 14, 96, 158, 226, 297, 387, 772, 878, 961, 1035
steamboat inspection rules 17, 1039

Great Lakes—Continued. Page
transportation 277
weather forecasts, etc., by radio 871
see also names of lakes.
Great Lakes Bridge Commission, bridge 28, 37, 641, 672, 788
Great Lakes States, land settlement 862
Great Lakes Transit Corporation, automobiles 352
Great Northern Ry.:
abandonment 976
assumption of obligation and liability 171, 423, 541
bonds 46, 111
construction 171, 898
freight rates 710
rates on—
apples 900
cattle 174, 1054
coal 814
flaxseed 815
granite 320, 815
lumber 49
pipe 547
poles 906
potatoes 906
reconsignment 547
routing 540, 812
train service 184, 716
United States *v.* 554
v. comnr. of internal revenue 121
vs. Delmar Co 1079
Great Plains:
flaxseed production by power farming 288
haying equipment and practices 862
home fruit garden 288
shelter belts, planting and care 1026
water requirement of crops and weeds 757, 868
wintering steers 85
Greater Antilles, *see* Antilles, Greater.
Greater Cape May, Inc., *v.* United States 236, 411, 719
Greater New York Live Poultry Chamber of Commerce *v.* United States 329
Greaves, J. Dudley, microflora of sulphate-containing soil 757, 758
Greece:
income tax on shipping profits, relief 575
sailing directions, western coast 1067
water colors by Henry Bacon 829
Green, Abraham, relief 625, 663
Green, C. F., study of wing flutter 277
Green, D. Monroe, rabbit skins for fur 212
Green, Matthew, patent appeal 610
Green, Patrick F., patent appeal 773
Green, Rebecca, relief 493, 779
Green, T. C., soil of Butler County, Ohio 1021
Green, William, labor's alleviation of unemployment 767
Green Bay:
chart 143
Green Bay Association of Commerce, iron 115
Green flash observed at Little America 1027
Green manuring:
article on 764
rye and vetch, effect on soils 3, 85
winter legumes in cotton belt 868
Greene, Daniel M., public land statutes 1047
Greene, Jessie R.:
payment 512
pension 779, 795
Greene County Chamber of Commerce, coal 901
Greenhouse plants, injurious insects 1022
Greenhouse tomatoes 152
Greening, Gershom K.:
climatic conditions in Louisiana purchase 290
hailstorm, Sept. 7, 1930, S. Dak. and Iowa 379
Greenland:
meteorological investigations, 1930-31 473
west-coast foehns 9
see also Bartlett-East Greenland Expedition, 1930.
Greenleaf, Walter J.:
land-grant colleges, etc., 1929 312
land-grant colleges, etc., laws affecting 418
law, career 1048
Greensand, bibliography to 1930 481
Greensboro, N. C., airway maps 91, 221
Greenstein, M. L., iodine in goiter 585

Page
Greenup, Julian C.:
sales districts in Spain 608
Spain, resources, industries, etc 480
Greenville, Mo., bridge 641, 672, 788
Greenville Telephone Association 171
Greenwich Cove, chart 156
Greer, Samuel W., relief 614, 684
Gregory, O. L., Vinegar Co., vinegar 908
Gregory, Sir Richard, weather recurrences and weather cycles 766
Grenada, money-order post offices 129
Grenades, rifle, Army technical regulations 458
Gridley, Willis T., *v.* United States 821
Grieger, H., transposition of viscera 853
Gries, Caroline G.:
cotton, sugar, and tobacco statistics 4
fruit and vegetable statistics 4
grain statistics 4
statistics of miscellaneous crops 84
Griest, William W., memorial services 487
Griffin, Francis W., *v.* United States 1042
Griffin, George F., exrs. *v.* United States 719, 887
Griffin, Grace G.:
index to American Historical Association reports, 1927 and 1928 132
writings on American history 355
Griffin, H. K., manometry of explosions 878
Griffin, Helen F., relief 779
Griffin, James M., relief 625, 667
Griffith, Clint, *v.* United States 554
Griffith, Ruth:
cattle, hogs, sheep, etc., statistics 84
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
fruit and vegetable statistics 4
grain statistics 4
miscellaneous agricultural statistics 84
miscellaneous crops, statistics 84
Griffith, Thomas, refund of money 20
Griffiths, David:
daffodils 217
hot-water treatment of daffodils 8, 1025
Griffiths, Geo., Construction Co. *v.* U. S. 887
Griffiths, John, *v.* comnr. of internal revenue 911
Griffitts Engraving Co 1045
Grimes, Frank G.:
bird and game protection officials, 1930 211
fur laws for season 1930–31 211
game laws for season 1930–31 211, 373
open seasons for game, 1930–31 85
Grimsley, Thomas T., relief 20
Grina, Brothers, relief 493
Grinding Wheel Manufacturers Association 560
Griswold, Fort, transfer tract to Conn 646, 784
Grizzell, E. D., English and American secondary education 809
Groceries:
specifications, etc 137, 363, 748, 1009
standard stock catalogue 1081
Grocers' & Importers' Exchange 720, 721, 896, 1005
Grocers' Exchange 720, 896
Grogan, Starke M.:
feeble-minded, etc., in State institutions 1029
financial statistics of cities, 1928 768
financial statistics of States, 1928 476
marriage and divorce, 1928 11
marriage and divorce, 1929 873
prisoners in institutions, 1927 604
Groissmayr, Fred, rel. between Manitoba winters and spring in eastern U. S. 153
Gronvold, Ingeborg:
cotton, sugar, and tobacco statistics 4
statistics of miscellaneous crops 84
Gropper, M. J., & Sons, Inc 890
Grosbach, H. E.:
surface water supply—
Hudson Bay and Miss. River basins 810
Ohio River basin 243, 892
St. Lawrence River basin 537
Grote, F., & Hubbell Co., Inc 238
Ground iron borings, rates on 711
Ground parole for psychotic patients 585
Ground water, *see* Water (underground).
Grounding cases, case instruction 343
Group banking, *see* Banks and banking.
Group No. 1 Oil Corporation, court case 121, 251, 554, 719, 1005
Grouse, sage, nematode worm from 1077
Grover, Frank M., relief 20
Grover, Nathan C.:
contributions to hydrology, 1929 107
surface water supply—
Atlantic basins 419, 892
Colorado River basin 537
Great Basin 107, 243
Gulf of Mexico basins 243, 419
Hawaii 166, 243
Hudson Bay basin 810
Mississippi River basins 243, 810
Missouri River basin 243
Ohio River basin 243, 892
Pacific slope basins 43, 537
St. Lawrence River basin 537
Grovier-Starr Produce Co., peaches 905
Grow less, get more 308
Grubb, J. P., *vs.* Ohio Public Utilities Comn 359
Grunsky, C. E.:
simplified rain-intensity formulas 473
Tulare Lake, contribution to weather history 219
Grupe, William F., patent appeal 773
Gruver, Edward F., Co., relief 493
Guadeloupe, aviation charts 832
Guajardo, Mrs. Arturo, relief 493
Guam Agricultural Experiment Station 599
report, 1929 599
Guam Island:
census, 1930, agriculture bulletin 768
census, 1930, population bulletins 222, 768
light list 608
map 537
money-order post offices 129
post route map 733
publications for sale by supt. of docs 165
radio stations, chart 1069
Guanacabibe, Gulf of, chart 565
Guaranty Trust Co. of New York, trustee:
United States *vs.* 359
v. Minneapolis & St. Louis R. R 984
Guard duty:
Army training regulations 77, 752
interior, Army extension courses 276
Guayaquil, Ecuador, antiplague campaign (2 entries), 364, 583
Guelfi, Frank, relief 18
Guenther, John F., United States Fidelity & Guaranty Co. *vs.* 358
Guerin, Eckley C., to authorize credit in disbursing account 493
Guerin, Luther W., relief 20
Guernsey, John:
census of retail distribution—
California 954
Chicago, Ill 475
Cleveland, Ohio 873
Washington, D. C 873
Washington State 604
Guggenhime & Co., raisins 714
Guiana, *see* British Guiana—French Guiana—Surinam.
Guinea fowl 467
Guinea pigs:
fertility and vigor 757, 863
genetic growth differentiation 596
response to some organic compounds (3 entries), 202, 272 (2 entries), 364, 456
tuberculosis, early diagnosis method 274
Gulf, *see* name of gulf.
Gulf & Sabine River R. R., rates on rails 117
Gulf & Ship Island Ry., misrouting 49
Gulf & West Texas Ry., control 705
Gulf Coast:
chart 477
light lists 608, 877
pilots—
coast pilot, supplement 294
inside route, supplement 384
pilot rules for inland waters 232, 486
see also Gulf States.
Gulf Coastal Plain, *see* Gulf States.
Gulf, Colorado & Santa Fe Ry.:
freight rates 545
rates on cotton-bale covering 902
securities 1052
Gulf, Mobile & Northern R. R.:
bonds 171
rates on—
blinds 174
boxes 112

Page
Gulf Red Cypress Co., misrouting 321
Gulf Refining Co.:
pipe line construction, etc 496, 520
relief 20
Gulf States:
commercial survey of Gulf Southwest 607, 877
conserving corn from weevil 948
dry goods distribution, Gulf Southwest 607
fig growing 376
fisheries, 1929 876
petroleum industry of Gulf Southwest 877
surface water supply, Gulf basins 243, 419
see also Gulf Coast.
Gulf Stream:
and its problems 354
Swedish expedition 473
temperatures in Florida Straits 219
thermograms across Florida Straits 10
Gullickson, T. W.:
calcium ratio in bones of cattle 595, 757
nutrient requirements for cattle 1019
nutrients used for maintenance by cattle 1019
Gullies, how to control and reclaim them 869
Gulose:
α-*d*-gulose calcium chloride 160, 302
Gumma of face involving malar bone 751
Gummoe, Carlton N., occupational therapy for psychotic 937
Gums and resins:
dip or crude gum in agric. marketing act—
hearings (2 entries) 622
law 787
report 622
light sensitivity of rosin 964
see also Naval stores.
Gunboat Passage, chart 344
Gundlach, Martha C., exper. sta. record index 865
Gunfire deafness in Navy 256
Gunnery, field artillery training 275
see also Target practice.
Guns, *see* Cannon—Ordnance.
Gunshot wound of frontal lobe 203
Gunstad, Borghild, Pearson's correlation method 861, 950
Gurney Seed & Nursery Co., clover seed 901
Gussin, Jacob, relief of heirs 20
Guthe, Carl E., archæological work in North America 1070
Gutsell, James S., bay scallop 607
Gutta-percha, change during storage under water 160, 303
Gutzwiller, J. B., Coal Co., coal 708
Guy, Milton, *vs.* United States 696, 909
Guyandot & Tug River R. R 422
Guyer, U. S. (Representative from Kans.):
reports made by—
Accounts Com 31
Claims Com 396, 491, 496, 624, 626
Guyger, G. B., Bain Peanut Co. of Texas, etc., *vs.* 1004
Gwin, White & Prince, Inc., pears 906
Gypsum:
production in 1929 226
rates on 711
standard stock catalogue 847, 1082, 1083
Gypsy moth, *see* Gipsy moth.

H

H., A. J., *see* Henry, Alfred J.
H., M. A., *see* Hickey, Mary A.
H-44 wheat, *see* Wheat.
H-128 wheat, *see* Wheat.
Haas, Albert, *v.* United States 695
Haas, Benjamin F., *v.* United States 695
Haas, Charles T., attorney, fee 1003
Haberle Crystal Springs Brewing Co 358
Hackworth, Green H., statement 882
Hadden, T. Irving, exr., *v.* comnr. of internal rev 720
Haddock, canned, blacktongue preventive value 138
Hadley, Charles H., Japanese beetle 6
Haering, George J., market in Burma for imported foodstuffs 225
Haeussler, G. J., parasites of oriental peach moth 209, 214
Hagan, Alice V.:
marriage and divorce, 1928 11
marriage and divorce, 1929 873
Hagerstown, Md., hearing of school children 75
Hague, Netherlands:
International Technical Consulting Committee on Radio Communications 267
World Conf. of Workers for the Crippled 632
Hahn, Clyde, relief 21
Hahn, Eugene, patent appeal 1036
Hahn, L. V., relief 22
Haight, George I., *v.* comnr. of internal rev 719
Haileyville Telephone Co., acquisition 247
Hailstorms, *see* Storms.
Haines, George, guinea pigs, fertility, etc 757, 863
Haines, William C., green flash 1027
Hair:
rates on hair 320
standard stock catalogue, horse hair 580
Hairy-root:
of nursery apple trees 209, 377
progeny of single-cell isolations 209, 288
Haiti:
birds of Haiti 928
cruise of Esperanza to Haiti 840
public health (some thoughts for the future) 256
Haiti (island):
aborigines of ancient island 354
mammals from Hispaniola 446
radio stations, chart 1069
Haiti, Commission on Education in, report, Oct. 1, 1930 842
Halbert, Hilary, jr., et. al., *v.* U. S 53, 821, 1079
Hale, Fletcher (Representative from N. H.):
reports made by—
Naval Affairs Com 33, 507–508, 650, 652
Hale, Frederick (Senator from Me.):
reports made by—
Appropriations Com 661
Naval Affairs Com 39, 527, 687–688
Hale, Raleigh P., *v.* United States 325
Half holidays, *see* Hours of labor.
Halibut fishery of Pacific, etc., preservation 842, 1078
Halifax, Nova Scotia, chart of approaches 994
Hall, Albert R. (Representative from Ind.):
reports made by—
District of Columbia Com 497, 629
Hall, Anna A., relief 396
Hall, Arthur F., *v.* comnr of internal revenue 329
Hall, C. L., Rock Island, Ill., district, rp 589
Hall, E. L., measuring wave frequencies 160, 302
Hall, J. S., soil of Wadena Co., Minn 761
Hall, J. V., bond between mortar and brick 775, 965
Hall, James H., *v.* United States 430
Hall, M. Carter, court cases 969, 983
Hall, Maurice C., parasitic worms (2 entries) 61
Hall, Noble J., relief 625
Hall, R. E., production of activated carbon 387
Hall, Spottswood B., court case 154
Hall, W. D.:
cotton 815
cotton-seed 176
Hall Lumber Co., lumber 179 (2 entries)
Hallawell, G. C., *v.* United States 337
Hallbom, Jacob E., case of admr 1004
Hallbom, Selma, case of admr 1004
Hallenbeck, Cleve, squall lines in New Mexico 473
Halliburton, T. H., & Co., cabbage 707
Halliday, Charles H., psittacosis in Md 936, 1085
Hallsted, A. L., wheat yield and soil moisture 209, 282
Hally, alias, *see* Hall, James H.
Halstad, Minn., bridge 641, 671, 787
Halstead, David, receiver of American Manganese Manufacturing Co 103, 250, 577
Hamar quadrangle, N. Dak 420
Hambrook, Robert W., frame house construction 414
Hamburg-American Line Terminal & Navigation Co. *v.* United States 805, 887
Hamersley Manufacturing Co., wood-pulp 549
Hamilton, Florence H., grain statistics 4
Hamilton, Hallie H., relief 663, 792
Hamilton, T. S., potassium iodide for chicks 3, 83
Hamilton, William, work of Education Bureau for natives of Alaska 241
Hamilton, Mont., purchase of laboratory 636, 668, 784
Hamilton & Gleason Co., power shovels 981
Hamilton Brothers Co., Inc., roofing 715
Hamilton County, Nebr., soil survey 864
Hamilton County, Tenn., bridge 29
Hamilton Garment Co 807

Page
Hamilton Manufacturing Co 1057
Hamilton Rubber Manufacturing Co 900
Hamlin, H. M., agricultural education 891
Hamlin, Harry, relief 614, 684
Hamlin School quadrangle, Calif 419
Hammock for continuous baths 585
Hampshire County, W. Va., soil survey 864
Hampton Roads, chart 478
Hancock, E. T., Meeker quadrangle, Colo 106
Hancock County, Ind., soil survey, etc 149
Hand, Irving F., reflectivity of surfaces 219
Hand, Peter, Brewing Co., judgment 428
Hand-bags:
customs appeal 696
specifications, etc 747
Handbooks, *see* special subject.
Handicapped, employment in Minneapolis 41
see also Rehabilitation of the disabled—Vocational education.
Handling charges at Atlantic and Gulf ports 1059
Hands, sterilization methods 1086
Handy & Harman *v.* comnr. of internal revenue 329, 822
Handy books for sale by supt. of docs 535, 1047
Hangars, report on control of fires 381
Hanlin, Lowela, relief 779
Hanlon, Mary E., comnr. of internal revenue *v.* 554
Hannaford Brothers Co., strawberries 425
Hannibal Connecting R. R., excess income 109
Hannum, W. T., Baltimore, Md., district, rp. 587
Hansen, Albert A., Bermuda grass eradication 867
Hansen, Hans, occupational therapy for mentally ill 585
Hanson, Herbert C., size of quadrat and effects of systems of grazing 209, 281
Hapgood, Clarence H., patent appeal 610
Harbinson, Matthew J., compensation 625
Harbor Springs, Mich.:
chart 368
v. United States 306, 554
Harbor workers, compensation act, opinions 103
Harbors:
coast artillery harbor defense 77
construction, etc., of public works 28
distances between ports, table 993
port, etc., charges at U. S. ports, 1931 ed 1014
supplement to 1929 issue 79
port series 941, 1089
publications for sale by supt. of docs 105
regulations, American Samoa 473
see also names of harbors.
Hardin County, Tenn., soil survey 468
Hardin quadrangle, Ill.-Mo 420
Harding, Amy, relief 493
Harding, Fla., *see* Miami Beach, Fla.
Harding Glass Co 1004
Harding Hall dedication, Govt. Print. Off 311
Harding 1½-cent stamp design changed 349
Hardness of ferrous and nonferrous metals 17, 99
Hardware:
builders' nontemplate hardware 390
products, classification for export 480
sash hardware for ships 303
specifications, etc 747, 933
standard stock catalogue 933
Hardwoods:
forest survey 949
manufacture of dimension stock 949
seedlings on farm, growing and planting 215
standard stock catalogue 1008
Hardy, A. V., undulant fever in Iowa 273 (2 entries), 750
Hardy, Charles S., cattle 708
Hardy, Grace C., undulant fever 273 (2 entries), 750
Hardy, William A., *v.* United States 1042
Harford County, Md., relief of certain persons 510, 796
Hargrave, W. W., dengue epidemic, Amer. Samoa 1066
Hargraves, Albert, patent appeal 962
Hargraves, D. T., bridge 794
Harlan, C. L.:
cattle, hogs, sheep, etc., statistics 84
dairy and poultry statistics 84
Harness, Federal standard stock catalogue 360

Page
Harney National Forest:
land for Wind Cave National Park 655, 693, 789
proclamation 68, 1000
resources, recreation features, etc 7
Harper, W. G.:
soil surveys—
Buckeye-Beardsley area, Ariz 212
Salt River Valley, Ariz 864
Harrelson, Benjamin, Noah Crooks *v.* 329, 449
Harrington, A. W.:
surface water supply—
Atlantic basin 892
Ohio River basin 243, 892
St. Lawrence River basin 537
Harrington, John P., Indians of New Mexico and California 840
Harris, A., & Co 329
Harris, Ernest L., workingmen's housing 990
Harris, Evelyn, relief 20
Harris, J. Arthur:
leaf-tissue fluids of cotton 465, 471
Pearson's correlation method extension 861, 950
sorghum tissue fluids, freezing-point 595, 764
Harris, Seth J., relief 20
Harris, Thomas A.:
airfoil tests in wind tunnel jets 342, 1065
wind tunnel tests 59
Harris, William J. (Senator from Ga.):
reports made by—
Military Affairs Com 524, 684–686
Harrisburg Foundry & Machine Co., iron 249
Harrison, Albert M., United States *v.* 554
Harrison, Annie S., United States *v.* 554
Harrison, Benjamin, Fort:
ammunition storehouse 505, 684, 784
laundry building 646
Harrison, Elben L., United States *v.* 554
Harrison, George J., metaxenia in cotton 1025
Harrison, Henry T., Antarctic meteorology 952
Harrison, Lloyd, *v.* United States 121, 411
Harrison, Pat (Senator from Miss.):
report made by—
Finance Com 675
Harrison, Roger W.:
menhaden fish oil for animal feeding 960
menhaden industry 606
Harrison, W. N., blistering in enameling of cast iron 16
Harrison, W. T., diphtheria toxin-antitoxin, etc 139, 364
Harrisonburg, La., bridge 401, 488, 518
Harrodsburg, Ky., monument 38
Hart, Albert B.:
George Washington, year by year 967
honor to George Washington series 804, 886
tributes to Washington 804
Washington, as President 886
Washington, the man of mind 804
Washington's own words on religion 886
Washington's scientific farm methods 804
Hart, Nancy, tablet or marker to commemorate 504, 524, 744, 784
Hart, R. A., drainage of irrigated farms 951
Hart Glass Manufacturing Co.:
bottles 174
v. United States 887
Hart Silk Co., cotton goods 424
Hartford quadrangle, Mich 893
Hartley, C. P., better seed corn 471
Hartman, W. A., land-settlement in Great Lakes States 862
Hartwell, F. Eugene, Santo Domingo hurricane 379
Hartwell, O. W., water supply, Atlantic basins 892
Harvesting, *see* names of crops, etc., harvested.
Haskins & Sells, relief 20
Hasseltine, H. E.:
prevalence of undulant fever in U. S 1085
progress in undulant fever studies 75, 365
undulant fever in Ware County, Ga 203
Hastings, Daniel O. (Senator from Del.):
reports made by—
Judiciary Com 38
Hastings, Minn., bridge 501, 669 (2 entries), 786
Hatch, Ernest D., bronchitis 274

Page

Hatch, Harold A., exr., *v.* United States 54
Hately Bahia, chart 259
Hatfield, Henry D. (Senator from W. Va.):
reports made by—
Military Affairs Com 801–802
Hatfield, Ira, moisture in fresh-air chambers 861, 868
Hathaway, J. H., Fed. Trade Comn. rp., etc 239
Hathaway & Hamilton, Fed. Trade Comn. rp., etc 239
Hats:
differences in production costs 739, 1006, 1080
duty on, proclamations decreasing rates 734, 837, 1006, 1080
Federal standard stock catalogue 1082
Hattery, O. C., bulletin to supplement Great Lakes chart 1013
Haugen, Gilbert N. (Representative from Iowa):
reports made by—
Agriculture Com 395, 489–490, 621–622
Conference Com 393
Hauptman, Carl, *v.* United States 554
Hausman Steel Co., molds 547
Haven, Hugh E., *v.* United States 805, 1060
Havens & Martin, Inc., *v.* Federal Radio Comn 309
Hawaii 315
census, 1930, population bulletin 155
chart 1032
coast pilot, supplement 155
Federal aid for roads, to amend act—
hearings 657
law 784
reports 657, 694
Federal aid highway system progress map 869
governor, report, 1930 315
labor conditions, 1929–30 (2 entries) 917
lands restored to Hawaii—
agricultural experiment station lands 734
correction in description of land 1000
Fort Shafter and Hawaii Arsenal 570
Upolu Airplane Landing Field 570
legislative salaries, etc 25
light lists 608, 920
map of Hawaiian Islands 537
marriage certificates, filing 529
Mediterranean fruit fly, parasitism 214
mortality statistics, 1928 293
papaya culture 214
pearl oyster from Hawaiian Islands 1077
pineapple canneries, women in 433
postal service—
mail routes, schedules 67, 263, 443, 732, 1073
mails from U. S., schedule of steamers 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073
money-order post offices 129
post route map 733
publications for sale by supt. of docs 808
qualification of voters 25
radio stations, chart 1069
rentals from public lands 25
rivers and harbors in district, rp 587
surface water supply 166, 243
title to certain property transferred 351
triangulation 93
see also names of special localities in Hawaii.
Hawaii (island):
harbors and landings, chart 1032
Hawaii Agricultural Experiment Station 214
restoration of lands, Executive order 734
Hawaii Arsenal, portion restored to Hawaii 570
Hawaii National Park, circular 810
Hawesville and Cannelton Bridge Co 638, 671, 787
Hawker, H. W., soil of Milam County, Tex 5
Hawley, J. H., hydrographic manual 959
Hawley, Willis C. (Representative from Oreg.):
reports made by—
Conference Com 791
Ways and Means Com 658
Hawley Pulp & Paper Co 548
Hawthorne, Nev., Naval Ammunition Depot 829
Hawxhurst, H.:
cattle, hogs, sheep, etc., statistics 84
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
grain statistics 4

Page

Hay:
alfalfa, producing, etc., for market 282
alfalfa, quality in rel. to curing 867
haying equipment and practices 862
heating, effect of salt 1021
measuring in stacks 759
volume and tonnage of haystacks 1020
Hayden, Carl (Senator from Ariz.):
reports made by—
Post Offices and Post Roads Com 410
Territories and Insular Affairs Com 694
Hayden, Thomas J., relief 684, 779
Hayes, F. A.:
soil surveys—
Franklin County, Nebr 761
Keith County, Nebr 150
Hayes, J. F., milling, etc., qualities of wheats 283
Hayes, Kate M., *see* Hays, Kate M.
Hayes, Montrose W., daily river stages 766
Hayes, Thomas G., relief 396, 515, 779
Hayes Pump & Planter Co., Inc 706
Haynes, Elizabeth S., case of executrices 251
Haynes, G. O., arterial hypertension 76
Hays, Bradford P., relief 663, 792
Hays, Kate M., relief 663, 792
Hays, W. H., relief 663, 792
Haystacks, *see* Hay.
Hayward, P. A., American pitch pine 960
Hazard, Daniel L.:
results of magnetic observations 223
work in terrestrial magnetism, 1927–30 93
Hazard Coal Corporation 1059
Haze and clouds, pyranometer records 952
Heald, R. H., rolling and yawing moments 1064
Healing Art in District of Columbia, Commission on Licensure to Practice, *see* Commission on Licensure to Practice the Healing Art in District of Columbia.
Health, *see* Hygiene—Hygiene (public)—*also* Health boards and departments—Public Health Service.
Health boards and departments:
city officers, 1930 364, 749
county departments, balance of program 1010
county officers, 1930 456, 749
State and insular authorities, 1930 364, 583
training of health officers 273, 583
see also Conference of State and Provincial Health Authorities of North America—*also* names of States, cities, etc.
Health officers, *see* Health boards and departments.
Healy, Henry W., court case 822
Hearing of school children, study 75
Hearings, *see* names of committees—*also* subjects.
Hearle, Eric, tularæmia, British Columbia 584, 936
Hearn, Napoleon B., to pay executor 489
Heart:
action under vagus stimulation 751
carcinoma, endocardium of right auricle 60, 61
gonococcus infection 61
heart block with Stokes-Adams' syndrome 1066
mental concomitants in heart disease 1086
myocardial impairment 937
paroxysmal auricular fibrillation 203
quinidin in auricular fibrillation 1066
see also Electrocardiography.
Heat:
city heat, effect on temperature 291
contents in aqueous solutions 964
flow in fibrous materials, mechanism 302, 484
glass, changes caused by heating 160, 302
losses by convection and evaporation 10
methane and carbon monoxide combustion 485, 776
of formation of water 485, 776
of ionization of water 964
transfer through building walls 775, 964
transfer through metal-inclosed insulation 99, 230
variations in heating curves of glass 880
see also headings beginning Thermal—Thermo.
Heating appliances:
market in Canada and Latin America 95
rates on orchard heaters 816

Hebert, Felix (Senator from R. I.):
paper presented by— Page
National Hydraulic Laboratory 35, 883
reports made by—
Judiciary Com 38, 682
Patents Com 688
Heck, Arch O., education of crippled children 241
Heck, N. H.:
seismological investigations, 1927-30 93
United States earthquakes, 1928 294
United States earthquakes, 1929 959
Heflin, J. Thomas, Senatorial election contest 659
Hegari, *see* Sorghum.
Heifers, *see* Cows.
Heikes, V. C.:
arsenic in 1929 96
gold, etc., in California and Oregon 961
Hein, Gordon E., narrowing of aorta at its isthmus 750, 751
Heindl, R. A., fire clays 99, 230
Heineman, Oscar, *v.* United States 411, 911
Heiner, R. G.:
battalion aid station equipment 256
correction of entry 464
Heinig, Christine, Washington Child Research Center 313
Heinrich, H. W., industrial accidents 341, 560
Heinz, H. J., Co.:
banquet, remarks of President Hoover 351
vinegar 549
Held, Edward H., lumber 179, 320
Helena, Ark., bridge 794
Helena, U. S. S.:
silver service 687
Helena National Forest 1075
Heliotherapy and tuberculosis of skin 751
Helium, completion of Amarillo plant 233
Heller, Walter E., & Co 53
Hellman, Isidor, *v.* United States 306
Helm & Northwestern R. R 705
Helmer, Will A., relief 657
Helston, Eugenia A., relief 524, 779
Helvetia Milk Condensing Co 329, 822
Hemoglobinuria, malarial 76
Hemorrhage:
following tonsillectomy 366
from intestinal varix 203
Hemp:
duty on hemp cordage, increasing rate 1075
see also Sisal hemp.
Hempstead Bay, chart 478
Henaghan, Elizabeth, comnr. of internal revenue *v.* 554
Henderson, Charles W.:
gold, etc., in Colorado 226
gold, etc., in South Dakota and Wyoming 878
Henderson, Edward P., silver minerals 840
Henderson, Richard C., tuberculosis diagnosis 274
Henderson, Minn., bridge 27
Hendricks, W. W., hemorrhage following tonsillectomy 366
Hendrickson, A. A., hairy-root and crown-gall 209, 288
Hendrickson, B. H.:
soil surveys—
Claiborne County, Miss 760
Orange County, Va 598
Hendrix, B. L., bridge 502, 670, 786
Henlopen, Cape, chart 294
Henning Grain Co., coal 901
Henrickson, H. B., lag of thermometers, etc 160, 303
Henrietta Mills, Inc 200, 1060
Henry, Alfred J.:
Chicago snowstorm, Mar. 1930 10
great drought of 1930 379, 473
International Meteorological Organization 10
record rainfall for Miami, Fla 153
weather abnormalities in U. S 153, 219
weather of 1930 in U. S 766
Henry, Clifford E., relation of proctology to medicine 61
Henry, Sallie H., court cases 53, 121, 357, 719, 930
Henry, Walter O., court case 968
Henry, Cape, tide calendar 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
Henry County, Mo.:
treasurer— Page
Brinkerhoff-Faris Trust & Savings Co. *vs.* 359
Henry Marble Co 546, 712
Henshaw, F. F.:
surface water supply—
Great Basin 107, 243
Pacific slope basins 43
Snake River basin 537
Hensley, Harry C., fruits and vegetables 308
Hensley Field, construction 646
Herbaceous perennials 288
Herbarium, National:
contributions from 841
title-page, contents, etc., for v. 24 841
Herberg, N. Dak., bridge 641, 671, 787
Herd, Anderson T., claim 503
Hereford, Gladys K., *v.* comnr. of internal revenue 912
Herink, John, relief 625, 663
Heritable variations, their production, etc 354
Hermiston, Oreg., plant inspection 261
Hernia:
diaphragmatic hernia 274
treatment of recurrent hernia 1066
Heron-Allen, Edward, Polystomella, researches 354
Herpes zoster, high frequency current in treatment 1086
Herrick, John C., injurious effects of tobacco 585
Herring:
biology of Pacific herring 13
customs appeal 162
Herrold, Russell D., gonococcus vulvovaginitis 274, 456
Herron, G. E., *vs.* Southern Pacific Company 930
Herschman, Harry K., chromium-plated gages 612, 775
Hershey Chocolate Co 187, 576, 1005
Hershey Manufacturing Co 53
Herty, C. H., jr., deoxidation of steel 609
Hess, Katherine, protective value of fabrics 3, 148
Hess, Walter C.:
cysteine in presence of glutathione 750, 936
cystine absorption rate 750
cystine content of meat and fish 1011
cystine content of purified proteins 139
dithioethylamine in diet of white rat 1010
Hess, William E. (Representative from Ohio):
report made by—
Naval Affairs Com 651
Hessian fly, two wild grasses as hosts 1022
Hetfield, William B., *v.* United States 532, 822, 1042
Hetler, Rossleene A., oats, vitamin A content 861, 945
Hetzel, H. C., barreled apples for market 282
Hewett, D. F., Minnie Moore and near-by mines 43
Hewitt, J. N. B.:
Indian tribes of the upper Missouri 355, 446
Six nations of the Iroquois 840
Hexane:
determination in petroleum 965
isomers, isolation from petroleum 230, 390
Heyl, Paul R.:
gravitation constant redetermination 391, 484
gravitational work at Standards Bureau 93
lingering dryad 355
Heyser, A. B.:
Congressional directory 303, 487, 881
correction of compiler's initial 464
Heywood-Wakefield Co.:
coir 814
furniture 248
mats and matting 980
Hiawatha National Forest, proclamation 734
Hickey, Mary A.:
attendance of nurses at State meetings 751
nursing aftercare, etc., of tuberculous 937
psychiatric nursing, postgraduate course 1011
Hickman, Ky., flood protection, report 940
Hicks, Chester W., automatic injection valve 1064
Hicks, J. F. G., light sensitivity of rosin 964
Hicks, John A., cotton, sugar, etc., statistics 4
Hicks, W. K., gangrene of penis 436
Hicks-Bruun, Mildred M., *see* Bruun, Mildred M. Hicks.

Page

Hicoria pecan, *see* Pecan.
Hide and Leather Division.... 225, 297, 608, 772, 877
Hides, *see* Leather, hides, and skins.
Higbee, H. W.:
soil surveys—
Crawford County, Kans.... 947
Labette County, Kans.... 761
Higginbotham-Bartlett Co., Inc.... 1057
Higgins, Cora:
financial statistics of cities, 1928.... 768
financial statistics of States, 1928.... 476
Higgins, Elmer, biological inquiries, 1929.... 606
Higgins, George J., airfoil characteristics.... 59
Higgins Manufacturing Co.... 696, 822
Higginson Construction Co., cement.... 175
High schools:
for Indian children at Frazer, Mont.... 616, 633, 679
for Indian children at Poplar, Mont.... 618, 634, 679
publications of interest to teachers.... 241
smallness of rural high schools.... 166
statistics of private schools, 1927–28.... 241
statistics of public schools, 1927–28.... 241
see also Junior high schools—Secondary education.
Higher education, *see* Colleges and universities.
Highfield Anchorage, chart.... 1033
Highland Milk Condensing Co.... 329, 822, 1060
Hightman, Harry M., Rocky Mountain States, ceiling and visibility.... 90
Highway commissions, etc., *see* names of States.
Highways, *see* Roads—Streets.
Highways Congress, *see* Pan American Congress of Highways.
Hildebrand, Samuel F.:
biological station at Beaufort, N. C.... 94
teleostean fishes at Beaufort, N. C.... 385
Hildreth, C. N., jr., relief.... 493
Hilgers, Margaret, Fed. Trade Comn. rp., etc.. 240
Hill, Francis W., sr., *v.* United States.... 329
Hill, George C.:
wind pressure on chimneys.... 160, 303
wind pressure on mill building model.. 881, 1039
Hill, Helen K., psychiatric social worker in hospital.... 751
Hill, Lister (Representative from Ala.):
reports made by—
Military Affairs Com.... 403, 504, 644–645, 647–648
Hill, S. N., soil survey of Wadena Co., Minn.. 761
Hill, Sam, *v.* United States.... 329
Hill Dredging Co. *v.* United States.... 236
Hill Lumber Co., lumber.... 179
Hill Motor Car Co., automobiles.... 47
Hilliard, Cicero A., relief.... 493
Hillman, F. H., testing farm seeds.... 950
Hills, Alfred K., case of executrix.... 822, 1042
Hills, Youngberg & Luce, report on drainage.. 405
Hillsboro, Ill., gun for F. D. Hubbel Relief Corps.... 38, 393
Hillsboro Condensed Milk Co.... 177
Hilo Bay, chart.... 478
Hind, Arthur, *v.* Jesse W. Clark.... 121
Hind, George U.:
comnr. of internal revenue *v.*.... 822
v. United States.... 236
Hind, Rolph and Co.... 822
Hinde & Dauch Paper Co., strawboard.... 184
Hinds, W. E., carbon disulfide as insecticide.. 86, 598
Hines, Angenora, relief.... 614, 684
Hines, Frank T., *see* Veterans' Administration—Veterans' Bureau.
Hinge moments of ailerons.... 725
Hinrichsen, Fred C., relief.... 651
Hinsdale Manufacturing Co.... 236
Hipkins, Alice, relief.... 20
Hirsch, Sherman & Limberg, attorneys, fee.... 134
Hirshfield, James A., *v.* United States.... 968
Hispaniola:
aborigines.... 354
three small collections of mammals.... 446
Histed, Syl F., bridge.... 637, 669, 786
Historical Adviser, State Dept.... 267
Historical Association, *see* American Historical Association.
Historical Manuscripts Commission, 16th rp.. 737

Page

Historical Mission, Library of Congress, *see* European Historical Mission, Library of Congress.
Historical Societies Conference, 1928.... 737
History:
early American, exhibition of prints.... 561
Pan American Union series—
history series.... 1071
serie sobre historia.... 193, 995, 1071
publications on American history.... 105, 971
writings on American history.... 355
Hitch, Calvin M., Switzerland as petroleum market.... 386
Hitchcock, A. S., botanical visit to South and East Africa.... 840
Hitzing, Myrtle M., relief.... 20
Hoagland, Ralph:
beef extract as source of vitamin G.... 4
vitamin G in meats and by-products.. 147, 149
Hoar, H. M., coal industry of the world.... 479
Hobbs Oil Co.... 330
Hoboken, N. J., sale of property.... 671
Hoboken White Lead & Color Works, Inc.... 310
Hobson, Asher, agricultural survey of Europe.. 148
Hocking River, flood control, examination.... 399, 668, 784
Hocking Valley Ry.... 1053
Hodapp, Paul A., relief.... 20
Hodge, Edwin T., late Tertiary climatic changes, Oregon.... 473
Hodges, W. H., & Co., Inc., cattle.... 1054
Hodgkins, Jefferson, internal revenue case.... 53, 554, 558
Hodgkins, June A., grain statistics.... 4
Hodgson, Robert W., a fructicultura na California.... 260
Hodson, Ivan, soil of Muskingum Co., Ohio.... 86
Hoffecker, Elwood, milling and baking qualities of wheats.... 283
Hoffman, G. M., New York, N. Y., district, rp.. 588
Hoffman, G. Wright, trading in corn futures.. 216
Hoffman, Herman H., case of executors.... 330
Hoffman, J. I., magnesium ammonium phosphate.... 99, 231
Hoffman, John L., relief.... 625
Hoffman, M. David, teachers' associations.... 892
Hoffman, Samuel J., gonococcus vulvovaginitis.... 274, 456
Hofman, Robert, relief.... 526, 614
Hofmann-Sproul Co. *v.* United States.... 411
Hog, *see* Swine.
Hog-cholera:
article on.... 149
knowledge of other diseases aids control.... 5
Hog-lice, control and eradication.... 759
Hog-mange, control and eradication.... 759
Hogan, Regina, relief.... 646
Hogs, *see* Swine.
Hoisting machinery, rates on.... 178
Holabird Quartermaster Depot.... 25
Holbert, J. R., chemical-dust seed treatments for corn.... 1025
Holden, Fenn M., patent appeal.... 158
Holding companies, *see* Corporations.
Holiday mail, *see* Christmas mail.
Holidays:
July 5, 1930, legal holiday in D. C.... 30
observance in collective agreements.... 124
see also Christmas—Thanksgiving day—*also* Government officials and employees.
Holland, *see* Netherlands.
Holley Carburetor Co. *v.* United States.... 805, 984
Hollick, Arthur, Upper Cretaceous floras of Alaska.... 43
Hollingshead, Robert S.:
canned foods in Asia, Africa, and Oceania.. 771
canned foods in Western Hemisphere.... 157
Hollingsworth, Edward W., paroxysmal auricular fibrillation.... 203
Hollow tile:
rates on.... 49, 545
strength of masonry of hollow units.... 964
Hollow ware, cast-iron, rates on.... 319
Holloway, J. K., parasite of Japanese beetle.... 374
Holman, H. P.:
leather shoes, selection and care.... 1021
painting on farm.... 284

Page
Holmberg, August E., court case 448
Holmes, Jerry C., court case 968, 1060
Holmes, Mansell B., malarial treatment of paresis 140
Holmes, R. S., colloidal material in soils 468
Holst, Gilles, patent appeals 228
Holt, Olin R., *v.* United States 719
Holt, S. A.:
as assignee—
v. Missouri Pacific R. R. 249
Holton, W. B., methyl alcohol, etc 965
Holton Inter-Urban R. R 113
Home:
apple and citrus pectin extracts, homemade 376
baking 376
changing civilization and home life 809
dahlias for the home 764
extension methods, cost 948
fertilizer mixing 284, 761
gardens—
city garden 8
fruit garden on northern Great Plains 288
gardening in the South 868
gardens for employment and food 927
vegetable seeds for home garden 1025
rape juice ,how to make it 868
grapes, home utilization 471
honey, its uses 287
laundry, methods and equipment 216
milk, its uses 287
plumbing, simple repairs 378
publications of interest to home-builders 972
roses for the home 1025
sex education 274
silos, homemade 213
tanning of leather and small fur skins 373
testing farm seeds 950
vegetable storage 217
world cooperation with school 241
Home economics:
home economics series 308
publications—
for sale by supt. of documents 165, 972
home economics education 308
trends in education 241
vocational education 308
see also Extension work.
Home Economics Bureau 7, 88, 216, 287, 376, 470, 763, 867, 949, 1024
report, 1930 287
work 376
Home education reading course, *see* Reading.
Home Guano Co., phosphates 714
Home Insurance Co. *vs.* C. J. Dick 358
Home Lumber Co 116
Home Making Conference, addresses, Nov. 1930 809
Home reading course, *see* Reading.
Home Title Insurance Co. *v.* United States 719
Homes, *see* Dwellings—Farms—*also* certain headings beginning Home.
Homes (institutions), *see* Soldiers' and sailors' homes—*also* names of homes.
Homestead:
entrymen in Wyoming, relief 23
gas, etc., lands, stock-raising homestead 691, 784
purchase money, Cheyenne River, etc., reservation 509, 615, 691
residence in drought areas, excuse 512, 654
soldiers' and sailors' rights 242
Homing pigeons, their care and training 1020
Hominy, canned, standard stock catalogue 1082
Hominy-grits, standard stock catalogue 1082
Honduras:
foreign trade for 1929 260
Honduras, British, *see* British Honduras.
Honduras, Gulf of, chart 565
Honey:
publications for sale by supt. of docs 417
uses in the home 287
Honeybees, *see* Bees.
Honokaa landing, chart 1032
Honolulu, Hawaii:
chart of harbor 605
to establish hydrographic office 25
Honor system and academic honesty, bibl 700
Honor to George Washington series 804, 886
Honshu, chart 258
Honuapo Harbor, chart 1032
Hoods:
proclamation decreasing duty 734, 1006
Tariff Comn. report on straw hats, etc 739, 1006
Hoogendorn, C. H., relief 397
Hook, F. R., treatment of recurrent hernia 1066
Hooker, A. B.:
permissible electric mine lamps 297
permissible methane detectors 387
Hooker, John R., wheat classes, distribution 765
Hookworm disease, decrease in U. S 139, 364
Hoop planks, rates on 178
Hooper, Joseph L. (Representative from Mich.):
reports made by—
Public Lands Com 654
War Claims Com 510–511
correction of name on p. 510 594
Hoopeston Canning Co., coal 175
Hoops, rates on 249
Hoosic River, navigation, flood control, etc 753
Hoots, H. W., geology, San Joaquin Valley border 106
Hoover, Herbert, *see* President of United States.
Hoover Dam, specifications, etc 421, 538
Hoover Steel Ball Co., wire 50
Hope Engineering Co., pipe 182
Hope Fertilizer Co., acid phosphate 173
Hopkins, A. E., temperature, etc., of oysters 1034
Hopkins, Frank L.:
Nova York do futuro 347
same (in Spanish) 1071
Hopkins, G. R.:
carbon black in 1929 226
natural gas in 1929 609
natural gasoline in 1929 609
petroleum refinery statistics, 1929 1036
Hopkins, Sidney M., relief 526, 614
Hops, Federal standard stock catalogue 580
Hord, T. B., Grain Co., misrouting 905
Hori Brothers, swords 696
Horine, Homer N.:
relief, report of Military Affs. Com., S 409
relief, veto message 734
Horkheimer, Louis, *v.* United States 822
Hormel, George A., & Co.:
meat 180
v. United States 330
Hornberger, Sarah J. L., fee for attorney 134
Horner, Ella E., relief 20
Hornsey, John W., patent appeal 15
Horse bots and their control 865
Horse hair, standard stock catalogue 580
Horses:
anatomy, regions, markings, etc., ext. course 458
breaking and training colts 211, 947
breeds of draft horses 372
breeds of light horses 283
farm work horses, care and management 1020
feeding 759
fewer than replacement needs 5
fossil horse round-up on Oregon trail 840
parasites and parasitic diseases 372
publications on, list 211, 947
rates on 178, 545
silage for horses 213
statistics from Agric. Dept. yearbook 84
vesicular stomatitis 372
see also Cattle.
Horseshoeing:
Army extension courses 458
farm horseshoeing 596
Horseshoes, rates on 178
Horsey, Henry, bridge 24
Horticultural exhibitions 217
Horton, A. H.:
surface water supply—
Atlantic, etc., basins 419, 892
Ohio River basin 243, 892
Hose:
fire hose, American marine standard 99
standard stock catalogue 73, 135, 580, 745, 848
Hose-fittings, standard stock catalogue 135
Hosiery:
case of Delaware & Hudson R. R 1050
Latin American markets 1035
Hosiery scraps, rates on 711

Page

Hosking, F. J., miscellaneous crops, statistics.. 84
Hospital Corps handbook, 1930, errata sheet... 564
Hospitalization Board, *see* Federal Board of Hospitalization.
Hospitals:
additional facilities for veterans—
estimate... 847
hearings... 676, 883
laws... 784, 790
reports... 658, 676, 791
admission, principles governing... 1086
apparatus, standard stock catalogue... 932
care in catatonic dementia præcox... 585
clinical laboratory work, standardization.. 365
construction at soldiers' homes... 506
contact problems, veterans' hospitals... 853
cotton textiles, waste elimination... 612
craft work as occupational therapy... 853
dietetic problems... 853
discipline of hospital patients... 585
for lighthouse service retired personnel... 26
increasing our sickness, etc., safeguards... 872
library for neuropsychiatric patients... 585
marine hospital management... 364
marine hospitals and relief stations... 936
neuropsychiatric ex-service man... 852
occupational therapy... 366, 585
plumbing fixtures, waste elimination... 391
psychiatric social worker, function... 751
psychotic, entrance ward problems... 937
Quartermaster Corps hospitalization—
report... 689
veto message... 735
reexaminations in mental hospitals... 1086
selective menu in hospital... 203
service in Alameda County, Calif... 456, 935
social work in veterans' hospitals... 585
to extend facilities to Confederates... 645
tray service, central... 751
tuberculosis treatment, hospital function.. 937
tuberculous patients, semi-infirmary... 585
see also names of hospitals, and names of places where located.
Hosterman, W. H.:
measuring hay in stacks... 759
volume and tonnage of haystacks... 1020
Hostetler, Josiah J., relief... 779, 798
Hot Springs National Park:
circular of general information... 538
conveyance of land... 19
land adjoining, acceptance... 509, 529, 616
site of hotel, retention by U. S... 509, 529, 616
waters, regulate prescribing and use... 654, 692, 784
Hot-water bottles, standard stock catalogue. 73, 135
Hot-water treatment of daffodils... 8, 1025
Hotel Tivoli, transfer of operation... 68
Hotel Wisconsin Realty Co... 330
Hotels, census, District of Columbia... 476
Hottentot Bay, chart... 1067
Houck, U. G., hog cholera... 149
Hough, Walter, White Mountain Apache Res. 265
Hour angle, Sumner line of position tables... 565
Hours of labor:
five-day week, etc. (2 entries)... 724
in—
airplane, etc., manufacture, 1929... 560
cigarette manufacturing, 1930... 724
foundries and machine shops, 1929... 340
furniture industry, 1910–29... 724
portland cement industry, 1929... 724
slaughtering, etc., industry... 990
textile dyeing and finishing... 1062
woolen, etc., goods manufacture... 254, 827
postal employees, shorter week—
committee report... 410
law... 618
postal instructions... 731, 924
railroad employees—
carriers' reports, analysis... 539
report of Safety Bureau, I. C. C., 1930. 423
recent changes... 190, 433
Saturday half holiday for Govt. employees. 784
Saturday hours, Interior Dept. field serv.. 1000
union scale, 1913–30... 560
union scales, May 15, 1929... 190
wages and hours of labor series... 190, 340, 560, 724, 827, 990, 1062
House ants, control... 86, 864
House centipede... 213

Page

House fly and how to suppress it... 865
House of Representatives... 31, 100, 161, 232, 304, 394, 488, 621, 791, 881, 966, 1040
apportionment—
exclude aliens in count... 643
hearings on various bills... 792
major fractions method... 92
number of persons in each State... 381
number which each State will receive... 603
on basis of 1930 and 1910 censuses... 873
assistants to attending surgeon, payment.. 31
calendars... 31, 394, 488, 621, 791
clerk—
report, 1930... 394
see also Page, William Tyler.
committees, special and select, appropriation... 393, 394, 395
contested election case, Updike *v.* Ludlow.. 398, 497
Document Room, compensation of janitor. 394
election expenditures of candidates... 398
employees, list, June 30, 1930... 394
Enrolling Room, clerical services... 791
estimate for contingent expenses... 394
expenditures, 1930, report of clerk... 394
journal, 71st Cong. 2d sess... 232
journal, 71st Cong. 3d sess... 1040
nominees for office, 72d Congress... 232
pages, pay until end of 71st Cong. 2d sess.. 30
term of office of Members—
hearing... 656
reports... 630, 656
see also Congress of United States, and names of certain Congressional committees—*also* names of Representatives.
Household supplies, specifications, etc... 137, 363, 747, 748, 1009
Houses, *see* Buildings—Dwellings—Housing.
Housing:
bulwark against lowered living standards.. 872
cooperative housing societies, 1929... 560
in District of Columbia, bibliography... 563
workingmen's housing in Vienna, Austria.. 990
Houston, Sam, Fort, building... 524, 616
Houston, Samuel F., court case... 53, 357, 719, 930
Houston, Victor S. K. (Delegate from Hawaii):
report made by—
Territories Com... 657
Houston, Tex., claim of Park Place... 657, 665
Houston Belt & Terminal Ry... 425
Houze, L. J., Convex Glass Co... 239
Howard, C. S.:
quality of water of Colorado River... 107
suspended matter in Colorado River... 107
Howard, Edgar (Representative from Nebr.):
report made by—
Indian Affairs Com... 633
Howard, L. O.:
history of applied entomology... 354
house fly and how to suppress it... 865
mosquito remedies and preventives... 285
Howard, Mary S., relief... 20
Howard, P. E., survey of fertilizer industry... 468
Howard University... 315
report, 1930... 315
title to property in D. C... 496, 674, 784
Howe, F. B., soil of St. Lawrence Co., N. Y... 948
Howe, J. B., hospital admission... 1086
Howe, Paul E., pastures vary in feeding value. 85
Howell, R. P., Wilmington, Del., district, rp.. 590
Howell, Robert B. (Senator from Nebr.):
minority report made by—
Claims Com... 36
reports made by—
Alaska Railroad, Special Select Committee on Investigation of... 513
Claims Com... 514–516, 662–666, 797–799
Commerce Com... 518
Howell, S. P., explosives accidents in mines... 773
Howell, Thomas, plant list, Mount Hood area. 3
Howes Brothers Hide Co... 911
Howey, William J., United States *v*... 557, 577, 844
Howton, Walter, Fed .Trade Comn. rp., etc... 1045
Hrdlička, Aleš:
anthropological survey in Alaska... 355, 446
anthropological work on Kuskokwim R... 840
human crania in Nat. Museum, catalogue. 929
skeletal remains of early man... 70
Hubbard, Donald, photographic plates... 17, 99

Page

Hubbard, Henry D., units used to express wave lengths 484
Hubbard, J. W., farm study of cotton plant 867
Hubbel, F. D., Relief Corps No. 103, *see* F. D. Hubbel Relief Corps No. 103.
Hubbell, F. C., *v.* comnr. of internal revenue 121, 911
Hubbell, F. M., Son & Co., Inc 985
Hubbell, Frederick M., *v.* comnr. of internal revenue 121, 911
Hubbell, Grover C., *v.* comnr. of internal revenue 121, 911
Hubble, Dorothy H., *v.* United States (cases 141-154) 53, 821
Huber, Glenn A., aspergilli (2 entries) 465
Hubert, Ernest E., forest-tree diseases 601
Huddleston, George (Representative from Ala.):
reports made by—
Interstate and Foreign Commerce Com 400, 402, 501, 503, 641
Hudgins, Bert, water filtration at Detroit 379
Hudson, James M., to correct naval record 526, 614
Hudson Bay basin, water supply 810
Hudson Glass Co., cullet 1055
Hudson River:
bridges in New York 400, 406, 407, 616
charts 385, 1032
Hudson River Navigation Corporation 740
Hudson Veneer Co 904
Huff, Edwin S., Co 713
Huffman, R. C., Construction Co 177
Hughens, H. V., pseudomyxoma peritonei 61
Hughes, James A., memorial services 613
Hughes, John L., map of Jinotepe, Nicaragua 753
Hughes, William J., patent appeal 228
Hughes Oil Co., fuel-oil 903
Hull, H. H., soil survey, Manitowoc County, Wis 947
Hull, Merlin (Representative from Wis.):
minority views—
District of Columbia Com 629
reports made by—
District of Columbia Com 630
Hull, R. O., addition agents in copper electrotyping solutions 160, 301
Hull, William E. (Representative from Ill.):
report made by—
Rivers and Harbors Com 655
Humboldt Bay, chart 875
Humes, Elizabeth, Italian chemical developments 95
Humfeld, Harry, green manures, effect on soils 3, 85
Humidity, *see* Moisture.
Hummel, Arthur W., *see* Chinese Literature Division, Library of Congress.
Humphreys, C. J.:
regularities in 2d spectrum of xenon 612, 777
spectra of krypton and xenon 302, 485
Humphreys, W. J.:
meteorology, its importance to aviation 90
supersaturation and icing of airplanes 153
correction of author's name 370
Humphries, W. R.:
harvesting small grain in corn belt 1020
husker-shredders in corn-borer control 869
Humuula quadrangle, Hawaii 167
Hungarian Claims Commission, *see* Tripartite Claims Commission, U. S., Austria, and Hungary.
Hungary, collect-on-delivery mail service 568, 924
see also Tripartite Claims Commission, U. S., Austria, and Hungary.
Hunt, Caroline L., honey, uses in the home 287
Hunt, G. E., potassium iodide in feeding swine 3, 4
Hunt, George M., moisture-excluding coatings on wood 215
Hunt, J. C., comnr. of internal revenue *v.* 324
Hunter, R. B., walkway materials 99, 232
Hunter, W. D., two destructive Texas ants 285
Hunter Cove, chart 770
Hunting:
fire-hunting in Canal Zone, to prevent 640
found in green forests, poster 470
in Canal Zone, laws and regulations 923
Huntington, W. Va., rivers, etc., in district, rp. 587
Huntington's chorea, neuropathological considerations 76

Page

Hurd, Willis E.:
daily radio weather maps at sea 728, 729
fog at sea 63, 127
north Atlantic hurricane, Oct. 13–29, 1926 192
northers of Central American region 345, 437, 566
tropical cyclones of north Pacific 1068
Hurley, H. E., relief 515, 625
Hurley, Patrick J., *see* War Department.
Huron, U. S. S.:
silver service for S. Dak 29
Huron Building Co 911
Huron, Lake:
charts 142, 1013
waterways chart 941
Hurricane Relief Commission, *see* Porto Rican Hurricane Relief Commission.
Hurricanes, *see* Storms.
Hurst, W. M., grain drying at country elevator 153
Hurwitz, Louis, *v.* comnr. of internal revenue 330
Huske, Bartholomew F., *v.* United States 306, 719, 1042
Husker-shredder, corn-borer control 869
Hussey, Jack W., Southern Railway *vs* 930
Huston, Tom, Peanut Co 980
Husty, Richard, *v.* United States 330, 554, 931
Hutchings, John H., bridge 502, 670, 786
Hutchins, Robert M., universities, management 872
Hutchins, Wells A., irrigation-district statutes 600
Hutchinson, George E., Burgess shale fossils 356
Hutchinson, Kans., grain transited, charges 248
Hutson, J. B., cotton, sugar, etc., statistics 4
Hyatt Roller Bearing Co 236
Hybrids, *see* name of special plant.
Hyde, Arthur M.:
as actividades do Conselho Federal de Agricultura dos Estados Unidos 65
same (in Spanish) 65
see also Agriculture Department.
Hyde Park quadrangle, Vt 702
Hyder quadrangle, Ariz 893
Hydraulic Laboratory, *see* National Hydraulic Laboratory.
Hydraulic-Press Brick Co., coal 901
Hydraulic rotary lifts, rates on 1056
Hydrocarbon, empirical formula 230, 484
Hydroelectric power, *see* Electric power.
Hydrogen, heat contents in aqueous solutions 964
Hydrogen-ion concentration:
determination of pH values in paper 311
effect on toxicity of nicotine, etc 147, 214
of blood, glass electrode measurement 203, 456
Hydrogen peroxid, rates on 178
Hydrogaphic bulletin 61, 125, 191, 257, 343, 436, 564, 727, 831, 919, 993, 1067.
ice supplement 62, 994, 1068
Hydrographic manual 959
Hydrographic Office 61, 125, 191, 257, 343, 436, 564, 727, 829, 919, 993, 1066.
aviation charts, index 438, 566, 1068, 1069
charts, numerical index 257
charts, published and canceled 344, 437, 564
history of office and its work 437
report, 1930 437, 828, 829
Hydrographic office at Honolulu 25
Hydrology, *see* Water.
Hydrotherapy, sedative for psychotic patients 852
Hydroxides, heat contents in solutions 964
8-hydroxyquinoline, magnesium determination 485, 775
Hygiene:
alcohol, hygiene, and schools, State laws 935
biennial survey of education, 1928–30 891
college course in child hygiene 202, 455
of maternity and infancy—
administration of act of 1921 723
exhibits and pubs, of Children's Bur 723
hearings on S. 255 and H. R. 12995 882
minority views on S. 255 636
reports on S. 255 636, 656, 791
seven years of maternity act of 1921 723
publications—
for sale by supt. of documents 808
health education publications 106, 973
of Children's Bureau 723

Page

Hygiene—Continued.
radio high-frequency current and health.. 1066
school health work 241
women in industry, health problems 917
see also Mental hygiene.
Hygiene (public):
administration, public health 75
cooperative work, Public Health Serv. 273, 749
county health unit 936, 1084
economic value, some health facts 274
in—
Alameda County, Calif., health, etc 456, 935
Haiti (some thoughts for the future) 256
Iowa, public-health survey 75, 364
Knoxville, Tenn., progress (2 entries). 1010
Oklahoma, public health survey.. 851, 1085
milk production and control 936
national Negro health week, Apr. 5-12 583
same, poster 583
Pan American Union series—
serie sobre salubridad pública y previsión social 65, 194, 834, 923, 1071
serie sobre saude publica e previsão social 835
parasites, public health importance 584
public health bulletin 138, 583, 936
public health law, fundamentals 851, 1084
public health reports 75, 139, 202, 273, 364, 456, 584, 750, 851, 936, 1010, 1085
index, etc., to v. 45 202, 750
supplement 138, 139, 272, 583, 749, 750, 851, 935, 1010, 1011
rural health promotion by U. S. and States—
hearings 882
minority views 636
reports 636, 656, 791
rural health service, 1926-30 139
syphilis, public health aspects 1011
see also Health boards and departments—Mental hygiene—Public Health Service—Sanitation.
Hygiene Exhibition, *see* International Hygiene Exhibition.
Hygienic Laboratory, *see* National Institute of Health.
Hyney, Ralph S., *v.* United States 719
Hypericum perforatum, toxic effect on cattle.. 149
Hypernephroma 829
Hypertension, *see* Blood pressure.
Hypodermic needles, dental 302
Hypothyroidism:
relationship to dystrophic skin changes 1011
symptomatology 1011
Hyslop, J. A., wireworms destructive to crops. 762
Hysterical paralysis, diagnosis, etc 76

I

Iakisch, J. R., Casper-Alcova irrigation project. 811
Iannacone, Pasquale, relief 20
Ice:
harvesting and storing on farm 285
ice supplement to hydrographic bulletin 62, 994, 1068
ice well for dairy farm 598
international ice observation 73, 848
rates on 711
snow and ice bulletin 379, 473, 602, 766
specifications, etc 849
standard stock catalogue 1081
supersaturation and icing of airplanes 153
correction of author's name 370
Ice-bags, Federal standard stock catalogue 360
Ice-cream:
effect of temperature on mixes 1019
rates on 115, 320
Ice cream brick molds and cartons 1038
Ice patrol service in north Atlantic:
1929 73
1930 848
Ice well for dairy farm 598
Iceland:
arbitration treaty with U. S 266
income tax on shipping profits, relief 574
Ichneumon-flies of genus Polycyrtus 841
Icing, *see* Refrigeration.

Idaho:
boundary, compact with Wyoming 619
census, 1930—
agriculture 955, 1029
population 382, 955
unemployment 955
Federal aid highway system progress map. 9
gold, silver, copper, lead, and zinc 96, 961
Indians, limit on fees to attorneys 616
lands withdrawn—
for agricultural purposes 351
for classification 837
for target range 444
for town-site purposes 926
pending legislation 351
metal mining, graphic history 243, 892
Mines and Geology Bureau—
Wood River region 43
postal service—
mail routes, schedules 732, 836, 1073
post route map 733
power-site restorations 68, 734
Public Utilities Commission—
v. Oregon Short Line R. R 815
roads and national forests 599
sugar-beet growing under irrigation 764
transplanting sugar beets 600
trees for forest planting 151
Idaho Agricultural Experiment Station:
Bear Lake Valley area, soil 212
volume and tonnage of haystacks 1020
Idaho National Forest, adding lands 654, 692
Idaho University:
College of Agriculture—
Bear Lake Valley area, soil 212
Ignition coil, automotive 918
Ignition sparks, effectiveness 342, 1064
Ijmuiden Harbor, *see* Ymuiden Harbor.
Ilheos Anchorage, chart 565
Ilitz, Michael, appointment as storekeeper 646
Iliuliuk Bay, chart 606
Illinois:
bridges, *see* Fox River, Ill.—Little Calumet River—Pecatonica River—Wabash River.
census, 1930—
agriculture 1030
population 382
Congressional election, investigation 398
district judge, permanent office 26
district judges, additional 656, 682, 785
Federal aid highway system progress map. 378
postal service—
mail contracts 348, 349
mail trains or routes, schedules 67, 130, 350, 443, 732, 925, 1073
post route map 733
secretary of state—
vs. St. Louis Southwestern Ry 448
Western Cartridge Co. *vs* 200
Senatorial campaign expenditures 102, 234
Illinois Agricultural Experiment Station:
chemical-dust seed treatments for corn.. 1025
harvesting small grain in corn belt 1020
Illinois Central R. R.:
notes 1052
rates on—
automobiles 542
cement-floor compound 543
Chile saltpeter 817, 981
coal 708, 901 (2 entries), 1054
cotton-seed 176
excavating machinery 544
furniture 545
gravel 178
lumber 116
oil-well machinery 905
peanuts 980
stearic acid 548
wood-pulp 818
reconsignment 715
Illinois Clay Products Co., bricks 543
Illinois Coal Traffic Bureau, coal 113
Illinois Oil Co., petroleum 181
Illinois Powder Manufacturing Co.:
Chile saltpeter 817
explosives 114, 177
Illinois River, pollution and purification 583

Page

Illinois Terminal Co.:
rates on iron 711
v. United States 985
Illiteracy, statistics by age groups 166
Illness, *see* Sickness.
Illuminating oils, standard stock catalogue 1081
Illumination, *see* Lighting.
Illustrations:
copyrighted 58, 255, 562, 918, 1063
copyrighted, index, etc., 1930 918
Iloilo River, chart 294
Iloilo Strait and Harbor, chart 294
Ilsley, L. C., permissible electric mine lamps 297
Imes, Marion:
cattle scab and methods of control 596
hog lice and hog mange 759
parasites, etc., of horses 372
sheep tick, eradication by dipping 597
Immigrant stations, *see* Immigration stations.
Immigrants, *see* Aliens—Immigration.
Immigration:
buildings for better law enforcement 24
consular regulations 356, 1078
from Philippine Islands, to prohibit 32
information, excerpts from rp. of comnr 432
laws, general information 560
publications for sale by supt. of docs 417
quotas, proclamation establishing 1075
regulations, American Samoa 473
restrictions or suspension for 2 years—
hearings 521, 656
minority views 499, 632
reports 499, 632, 656
statistics in Monthly labor review 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
wife of native-born World War veteran 25
see also Aliens.
Immigration and Naturalization Committee, House:
calendar 32, 399, 499, 793
hearings 32, 632, 882, 966
minority views 499, 632, 794
reports 499, 632, 794
Immigration Bureau 432, 560
books and blanks used, catalogue 560
estimates for salaries and expenses 578, 741
overtime compensation of employees—
hearing 408
law 784
report 677
report, 1930 432
traveling expenses, etc 620, 784
Immigration Committee, Senate:
calendar 521, 677
hearings 408, 521
reports 677, 678
Immigration stations, list, 1930 936
Imperial Gasoline Co 330
Imperial Machine & Foundry Corporation 121
Imperial Machine Company, *see* Imperial Machine & Foundry Corporation.
Imperial Valley, Kamia of 840
Imports and exports:
American prosperity and overseas trade 572
classification of exports 380
classification of imports 474
coastal districts and foreign trade regions—
calendar year 1929 264
monthly 197, 264, 352, 353, 572, 839, 1076
export services of Lumber Division 1035
invoicing of imported merchandise 269
marking imported merchandise 269
merchandise imported for consumption 480
merchandise returned for exportation 582
prohibit goods from convict, etc., labor—
hearings 658, 676
report 658
statistical returns of exports 380
statistics of exports 883
see also Commerce—Tariff—*also* names of articles imported and exported—*also* names of countries and places.
Inauguration, *see* President of United States, term of office.
Incandescent lamps, *see* Electric lamps.
Income:
farm value, gross and cash income 210
forestry and farm income 286

Page

Income—Continued.
income statistics, 1928 455
income statistics, 1929 850
railways, net operating income order 703
railways, preliminary statement, 1930 896
Income tax:
brevities for radio broadcasting 582
community income in California 676
depreciation and obsolescence 582
double tax relief, arrangements with—
Brazil 929
Denmark and Iceland 574
France 574
Germany 929
Great Britain 266
Greece 575
Italy 447
Netherlands 447
Norway 575
Spain 199
earned income, preliminary report 967
inspection of returns, Executive order 1075
statistics from income returns, 1928 455
statistics from income returns, 1929 850
Incubation of chickens 596
Incunabula:
exhibit at Library of Congress 433
purchase of Vollbehr collection 26
Indemnity, chicks sent as insured, etc., mail 66
see also Claims.
Independent Cooperage Co 424
Independent Life Insurance Co 985
Independent offices and establishments, *see* Government offices.
Independent offices appropriations, *see* Government offices.
Independent Paper Stock Co 425
Index-digests:
decisions of comptroller-general—
July, 1929–June, 1930 534
July–Sept. 1930 240
Oct.–Dec. 1930 699
Jan.–Mar. 1931 890
Index numbers of wholesale prices in foreign countries 254
Indexes:
accounting officers' decisions, 1894–1929 808
airway bulletins 767
American marine standards 612
Army regulations 751
Army specifications, 1930 77
commerce reports 157, 480, 876, 1035
Congressional documents, 71st Congress 808, 972
Congressional record—
71st Cong. 2d sess., bound vol 232
71st Cong. 2d sess., daily 18
71st Cong. 3d sess., bound vol 1040
71st Cong. 3d sess., daily 392, 487, 613, 777
contributions from national herbarium 841
copyright entries—
art, works of, etc., 1930 918
books, 1929 190
dramatic compositions, etc., 1930 991
musical compositions, 1929 255
musical compositions, 1930 991
pamphlets, leaflets, etc., 1930 1063
periodicals, 1930 918
Court of Claims records, term 1928–29 162
customs decisions—
Jan.–June, 1930 201
July–Dec. 1930 846
Engineer Corps orders and regulations 1088
Ethnology Bureau report, 1928–29 446
experiment station record—
v. 41–50, 1919–24, general index 865
v. 62 374
v. 63 1023
Federal reserve bulletin, v. 16 415
Fisheries Bureau bulletin—
1929 223
1930 959
food and drugs act, notices of judgment 469
Geological Survey—
bulletin 813 419, 537
bulletin 821 700, 892
bulletin 822 314, 810
professional paper 165 1048

Page

Indexes—Continued.
Hydrographic Office, etc., charts—
aviation maps and charts 438, 566, 1068, 1069
station catalogues, numerical index 257
internal revenue mimeographs, etc 271
internal revenue news, v. 3 138
issued by supt. of docs 417
journal of agricultural research—
v. 40 147
v. 41 757
labor decisions, 1912–28 123
lighthouse service bulletin, v. 3 226
lobby investigation hearings 523
mineral resources of Alaska, 1927 43
monthly catalogue of public docs., 1929–30 535
monthly labor review—
v. 30 254
v. 31 917
monthly weather review, v. 58 1027
naval medical bulletin, v. 28 256
naval stores, etc., specifications 64, 259, 567, 922
Navy regulations 992
new reclamation era, v. 21 421
notice to aviators, 1930 436
notice to mariners, 1930 126, 728
official gazette, weekly 16, 97, 159, 228, 229, 300, 389, 483, 611, 774, 879, 963, 1037
official record, Agriculture Dept., v. 9 595
Pan American Union bulletin—
Jan.–Dec. 1930 (English ed.) 834
Jan.–Dec. 1930 (Spanish ed.) 834
Panama Canal record, v. 23 347
patents issued, 1930 483
Porto Rico Agric. Experiment Station pubs. 6
postal bulletin, v. 51 569
postal laws, etc., amendments 350
press releases, State Dept 199, 738
public health reports, v. 45 202, 750
public roads (periodical)—
v. 8 472
v. 9 472
reappraisement circulars, Jan.–Dec. 1930 747
school life, v. 15 43
service and regulatory announcements—
Animal Industry Bureau 597
Plant Quarantine and Control Administration 152
Standards Bureau—
journal of research, v. 4 230
journal of research, v. 5 881
journal of research, v. 6 1038
technical news bulletin, 1930 391
State publications, check-list, v. 20 58
Supreme Court cases pending, Oct. term, 1930 199
Tax Appeals Board reports—
v. 17 200
v. 18 449
v. 19 931
v. 20 1080
trade-marks issued, 1930 483
Treasury decisions—
Jan.–June, 1930 201
July–Dec. 1930 846
venereal disease information, v. 11 585
Veterans' Bureau medical bulletin, v. 6 366
Indexes and Archives Bureau 448
Indexing Section, Agriculture Dept 152, 470
India, sailing directions for west coast 920
Indian Affairs Committee, House:
hearings 32, 633–634, 794
reports 399, 499–500, 632–634, 794
Indian Affairs Committee, Senate:
calendar 408, 521, 678, 801, 884
hearings 37, 233, 680, 884
reports 408, 521–523, 678–680
Indian Affairs Office 44, 243, 315, 420, 973
bookkeeping and accounting 243
estimates 742
positions, civil service rules amended 68, 735, 926
report, 1930 315
roster of officers of Indian service 420
Indian antiquities, *see* Archaeology.
Indian colonies:
land near Ely, Nev 25
village at Elko, Nev 408, 616
Indian Commissioners Board, report, 1930 315
Indian irrigation projects, *see* names of projects.

Page

Indian lands, *see* Indian reservations—Indians.
Indian Motocycle Co. *v.* United States 330, 1079
Indian Ocean:
great circle sailing chart 921
pilot chart 63, 126, 192, 258, 345, 438, 566, 729, 833, 921, 995, 1068
supplement to south Indian Ocean pilot 831
Indian reservations:
lands within, to classify and appraise 679
map 536
roads, construction across reservations 410, 655, 784
see also names of reservations.
Indian River, examination and survey 517
Indian service, *see* Indian Affairs Office.
Indian trust funds, *see* names of Indian tribes, reservations, etc.
Indiana:
bridges, *see* Wabash River.
census, 1930—
agriculture 1030
population 382
unemployment 1030
contested election, Updike *v.* Ludlow 398, 497
Federal aid highway system progress map 472
Militia service on Mexican border, claim 663, 795
postal service—
mail contracts 348, 349
post route map 733
schedules of mail routes 195, 350, 443, 732, 925, 1073
Tax Commissioners Board—
vs. Lafayette A. Jackson 1004
Indiana Agricultural Experiment Station, *see* Purdue University Agricultural Experiment Station.
Indiana Northern Ry., excess income 316
Indiana Republican Editorial Association, address of President Hoover 1074
Indiana Service Corporation:
rates on—
cement 543
stone 1058
Indiana Smelting & Refining Corporation 904
Indianapolis, Ind.:
address of President Hoover 1074
American Historical Assoc. meeting 132
Conference of Historical Societies 737
Indianapolis Union Ry., bonds 705
Indians:
cancellation of fee simple patents 499, 679, 785
Court of Claims to hear certain claims 522, 634
donations for Indian institutions 399, 616, 679
fees to attorneys, to remove limit 616
Indian, etc., stories for young folks 973
language studies of Louisiana 840
of New Mexico and California, studying 840
oil, etc., operations on Indian lands 244
population, 1930, census instructions 11
publications relating to, for sale 972
qualifying for citizenship within 50 yrs 794
statutes affecting, codification, etc.—
hearings 634, 884
report 500
survey of conditions—
hearings 37, 233, 234, 884
report on continuing S. Res. 79 679
tribes of the upper Missouri 355, 446
see also Five Civilized Tribes—*also* certain headings beginning Indian—*also* names of reservations and tribes.
Indien, Danish ship:
claim of owners 497, 521, 617
Inductance of solenoid, effect of pitch variations 964
Industrial Accident Boards and Commissions, International Association of, *see* International Association of Industrial Accident Boards and Commissions.
Industrial accidents, *see* Accidents.
Industrial alcohol, *see* Alcohol (denatured).
Industrial Alcohol Bureau (formerly Prohibition Bureau, Treasury Dept.) 748, 934
Industrial conciliation, *see* Conciliation (industrial).
Industrial education, *see* Technical education.

Page

Industrial employment information bulletin, *see* Employment and unemployment.
Industrial insurance, protection of policy holders in D. C. 520
Industrial machinery, *see* Machinery.
Industrial Machinery Division 13, 95, 96, 480, 608, 772
Industrial Oil & Gas Co. 1004
Industrial poisons, etc., safety rules for navy yards 834
Industrial policies in reduced operation 571
Industrial property, *see* Patents—*also* International Union for Protection of Industrial Property.
Industrial relations and labor conditions series 917
Industrial research:
personnel research agencies 57
Industrial schools, *see* Reformatories—Technical education.
Industrial series, Federal Board for Vocational Education 238, 414, 533, 1044
Industrial survey, city, suggestions for outline 877
Industrial traffic, *see* Traffic.
Industry:
age limits in Maryland and California 724
health problems of women 917
Pan American Union series—
serie sobre finanças, industria, commercio 65, 260, 347, 567, 996
serie sobre finanzas, industria y comercio 260, 347, 730, 996, 1071
safety standards 341
sickness among industrial employees 139, 273, 456, 936, 1085
stabilization, to provide for—
law 618
reports 503, 504
see also Elimination of industrial waste—Employment and unemployment—Manufactures—*also* certain headings beginning Industrial—*also* name of industry—*also* names of countries and places.
Inecto, Inc. 985
Infantry:
ammunition, technical regulations 458, 586
Army extension courses 141, 366, 1012, 1088
Army training regulations 938, 939
Infantry School, Army extension courses 141, 366, 854, 939, 1012 (2 entries), 1088 (2 entries)
Infants:
care of your baby 75
keeping well baby well 432
mortality—
rates, 1929 364
statistics for registration area 154, 221
welfare and hygiene, to promote—
administration of act of 1921 723
exhibits and pubs. of Children's Bur. 723
hearings on S. 255 and H. R. 12995 882
minority views on S. 255 636
reports on S. 255 636, 656, 791
seven years of act 723
Infectious diseases, *see* Contagious diseases—*also* names of diseases.
Inflammability of gases and vapors, limits 609
Influenza:
economic status during 1918 epidemic 584, 935
influenzal pneumonia, clinical report 256
mortality in 50 large cities, 1910–29 203, 583
relation to chronic diseases 751
what we know and how we may add to it 256
Information circular, Air Corps 141, 276, 277, 367, 459, 939, 1013
Information Office, Agriculture Dept. 88, 152, 376, 470, 599, 763, 867, 949, 1024
report, 1930 376
see also Eisenhower, Milton S.
Ingman, Herman, relief 625, 663
Initiative, documents and debates rel to 809
Injunctions in labor disputes, statement 796
Injuries:
gunshot wound of frontal lobe 203
nomenclature, instructions for use 436
see also Accidents—Employers' liability and workmen's compensation.

Page

Ink:
news ink and newsprint 971
rates on 320
standard stock catalogue 745
Inland Empire, long-period rainfall riddle 219
Inland Empire Manufacturers' Association 116
Inland Products Co., beverages 174
Inland Sea, *see* Naikai Sea.
Inland waterways, *see* Canals—Rivers—*also* names of waterways.
Inland Waterways Corporation 941
freight rates 48, 177, 903
report, calendar year 1930 941
Inlay, gold, influence in dentistry 1011
Inman, Albert A., relief 20
Inman, Wayne, soil survey of Arkansas Valley 863
Inner Channel, British Honduras, chart 832
Inner Mongolia, birds collected 265
Inquiry, International Commission of, *see* International Commission of Inquiry.
Insane, Government Hospital for, *see* St. Elizabeths Hospital.
Insanity, *see* Mental diseases.
Insecticides:
insecticide act, enforcement 469
notices of judgment under act 215, 469
see also names of insecticides.
Insects:
collection, etc., for use in agriculture 285
history of applied entomology 354
how insects fly 354
how to detect outbreaks and save crops 1022
injurious to—
figs, in California 948
greenhouse plants 1022
man, etc., publications for sale 417
peach, how to control 1022
pecan 468
stored grain, pests 6, 762
publications for sale by supt. of docs 417
survival and winter soil temperature 209, 466
see also names of insects.
Inside Passage, chart 478
Inside route:
charts 94, 478
pilot guides 223, 384
Insignia, Federal standard stock catalogue 932
Inspection, *see* names of substances, objects, etc., inspected—*also* names of Departments, bureaus, etc.
Inspection service memorandum, Aeronautics Branch 767
Inspector General's Department, Army, regulations 366, 457
Institut Français de Washington, correspondence of General Washington and Comte de Grasse 883
Institute of Educational Research, schools of Panama Canal Zone 440
Institutions:
constructi 1, avenue to employment 872
cotton textiles, waste elimination 612
feeble-minded, etc., in State institutions 1029
see also classes of institutions, e. g. Prisons—*also* names of special institutions.
Instituto de Protección y Asistencia a la Infancia en Rio de Janeiro 65
Instruments, *see* Aircraft instruments—Fire control instruments—Measuring instruments—Medical instruments—Meteorological apparatus—Musical instruments—Surgical apparatus—Surveying instruments—*also* names of instruments.
Instruments Subcommittee, National Advisory Committee for Aeronautics 562
Insular Affairs Bureau 459
report, 1930 459
Insular Affairs Committee, House:
hearings 232, 500
reports 500, 634
Insular possessions, *see* Outlying possessions.
Insulating materials:
American marine standards 99
insulating board from cornstalks 390
metal-inclosed insulation 99, 230
Insulator pins, rates on 1057
Insulin as weight producer in tuberculosis 1086

Page

Insurance:
code of law for D. C., hearings 31, 793
publications for sale by supt. of docs 699
see also Industrial insurance—Life insurance—Unemployment insurance—War risk insurance.
Insurance companies:
acceptable reinsuring companies 268, 1081
sureties on Federal bonds 268, 1081
Insurance Department, D. C., report, 1930 414
Insured mail:
claims, etc., for death of chicks 66
fees for inquiries 410
parcels abandoned when undelivered 348
return receipts, increased charges—
committee report 410
law 617
postal regulations 835
Intellectual cooperation:
between the Americas 1070
same (in Spanish) 996
Intellectual Cooperation, National Council of, *see* National Council of Intellectual Cooperation for United States.
Intelligence tests, *see* Mental tests.
Inter-American Conference on Agriculture:
NOTE.—Originally Inter-American Conference on Agriculture, Forestry, and Animal Industry. Name changed at 1st conference to Inter-American Conference on Agriculture.
article on 440
same (in Portuguese) 567
same (in Spanish) 834
bulletin of Pan Amer. Union in honor 193
same (in Portuguese) 193
same (in Spanish) 260
documentary material on 266
same (in Portuguese) 737
same (in Spanish) 267
final act 575
information relative to 267
report of delegates 575
Intercity Radio Telegraph Co 103
Intercoastal traffic, *see* Commerce.
Interest:
rate on construction loan fund 617
refunds to certain railroads 641, 681
Interior control manual, Naval Reserve 256
Interior Department 42, 105, 165, 241, 311, 417, 535, 699, 809, 891, 972, 1047
appropriations, 1932—
estimates 451
hearings 395, 406
law 617
reports 395, 406, 491, 620–621
decisions—
pensions and retirement claims 165
pensions and retirement claims, title-page, etc 417
public lands, v. 52, by signatures 42
public lands, v. 53, by signatures 1047
positions in Indian serv., rules amended 68, 735, 926
report, 1930 418
Saturday working hours, field serv 1000
supervision of Virgin Is. govt., order 927
useless papers 694
Interior Department Archaeologist, *see* Archaeologist for Interior Department.
Interior guard duty 276, 752
Intermediate credit banks, *see* Federal intermediate credit banks.
Intermountain Railway, abandonment 705
Intermountain region:
haying equipment and practices 862
what national forests mean 375
Intermountain Region, Forest Service 287, 375, 866
Internal revenue:
collections, 1930, preliminary statement 271
collectors' circulars, index 271
decisions—
1930, calendar year 582
citator, supplement 363
weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
laws, codification 511
mimeographs, etc., index 271

Page

Internal revenue—Continued.
refunds and credits of taxes, 1929 35
see also Taxation—*also* names of commodities, etc., from which revenue is derived.
Internal revenue bulletin 74, 138, 202, 271, 363, 455, 582, 748, 850, 934, 1009, 1084
cumulative semiannual bulletin 363, 934
Internal Revenue Bureau 74, 138, 202, 271, 363, 454, 582, 748, 850, 934, 1009, 1084
educational courses, 1930–31 454
instructions to employees 138
report, 1930 455
Internal revenue collectors, list 934
Internal revenue districts, list 934
Internal Revenue Joint Committee, *see* Internal Revenue Taxation Joint Committee.
Internal revenue news 74 138, 202, 271, 363, 455, 749, 850, 934, 1009, 1084
index, July, 1929–June, 1930 138
Internal revenue stamps, *see* Revenue stamps.
Internal Revenue Taxation Joint Committee:
codification of internal revenue laws 511
hearings on depletion of mines 511
preliminary report on earned income 967
refunds and credits of taxes 35
International Agricultural Corporation 817
International American Conference, *see* International Conference of American States.
International Arms and Fuze Co 251, 306
International Association of Industrial Accident Boards and Commissions, safety code for abrasive wheels 560
International Association of Public Employment Services, proceedings 1062
International Association of Road Congresses, *see* Permanent International Association of Road Congresses.
International Boundary Commission, United States-Alaska, and Canada, geodetic work 93
International boundary waters, operations of boards of control, etc 588
International catalogue of scientific literature 573
International Cement Corporation 113
International Combustion Tar & Chemical Corporation, coal-tar 902
International Commission of Inquiry, report into slavery, etc., in Liberia 575
International Commission on Zoological Nomenclature, opinions 573
International Conference of American States, convention on commercial aviation 841
International Congress of Military Medicine and Pharmacy, expenses of U. S 393
International Convention for Safety of Life at Sea, London, 1929 10
International Copyright Union, permit U. S. to enter convention of Berne 688
International Court of Justice, *see* Permanent Court of International Justice.
International Creosoting & Construction Co 906
Internationsl Dairy Congress, participation by U. S., appropriation 393
International exchange, *see* Foreign exchange.
International Exchange Service 446
report, 1930 446
International Exposition of Colonial and Overseas Countries:
authorization for U. S. participation 30
expenses of U. S. participation—
estimate 743
hearings 498
law 790
reports 498, 677
statement of C. Bascom Slemp 498
highways in U. S. and possessions 951
International Federation of Trade Unions 917
International Freighting Corporation 1076
International Friendship through the Churches, World Alliance for Promoting, *see* World Alliance for Promoting International Friendship through the Churches.
International Geodetic and Geophysical Union, *see* International Union of Geodesy and Geophysics.

Page

International Geological Congress:
appropriation for expenses—
committee report 631, 677
State Department report 575
International-Great Northern R. R. 902
International Harvester Co. of America. 39, 554, 1042
International Hygiene Exhibition:
1930, participation by U. S. 25
1930, report in naval medical bulletin 829
1931, expenses of U. S., increase amount 793
International Joint Commission on Boundary Waters between U. S. and Canada 133, 267
salaries of American members 68
International Justice, Permanent Court of, *see* Permanent Court of International Justice.
International law, situations, with solutions, etc., 1929 727
International Map of the World on the Millionth Scale Bureau, contribution of U. S. 30
International Mercantile Marine Co. 736
International Meteorological Committee:
Polar Year Commission, resolutions 870
International Meteorological Organization 10
International Niagara Board, Special 843
final report 843
International Nickel Co., monel metal 180
International Office of Public Hygiene:
regular session of Permanent Committee 584
special session of Permanent Committee 364
International Paper Co.:
lignin liquor 816
v. United States 428, 554, 576
International postal service:
fines for delays and delinquencies 528, 617
ocean mail contracts, digest of statements, etc., in Congressional record 1040
rates, etc., for ready reference 441
regular and parcel post 194
schedule of steamers from U. S. 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073
sealing of letters for foreign countries 1071
truth about postal contracts 35
digest of comments in Cong. record 1040
International Postal Service Division. 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073
International relations, *see* Foreign relations—*also* names of countries.
International Research Council, *see* International Union of Geodesy and Geophysics.
International Road Congress, *see* Permanent International Association of Road Congresses.
International Shoe Co., *v.* Fed. Trade Comn. 42
International Steel Tie Co. 182
International Technical Committee of Aerial Legal Experts:
appropriation for U. S. expenses—
law 619
report 521
International Technical Consulting Committee on Radio Communications, 1st meeting 267
International Textbook Co. 306
International tribunals to administer oaths, etc. 26
International Union for Protection of Industrial Property, certified copy of convention 842
International Union of Geodesy and Geophysics:
meeting at Stockholm, Aug. 15-23, 1930 290
reports made to sections—
geodetic operations 93
seismological investigations 93
work in terrestrial magnetism 93
International Water Commission, U. S. and Mexico 133
expenses, to defray—
committee reports 498, 521, 677
law 619
State Department report 575
report of American section 133
Interocean Oil Co., fee for attorneys 71
Interoceanic Canals Committee, Senate:
report 680

Page

Interparliamentary Union, participation by United States 30, 498
Interpolation of rainfall data 871
Interstate Amiesite Co., stone 907, 981
Interstate and Foreign Commerce Committee, House:
hearings 233, 635, 641, 794, 882
minority views 636, 641
reports 32, 400–402, 500–503, 635–642, 794
Interstate Bridge Co., bridges 27, 501, 669, 670, 786
Interstate commerce, *see* Commerce.
Interstate Commerce Commission 44, 108, 168, 244, 316, 421, 538, 702, 811, 895, 974, 1050
decisions—
digests of certain decisions 245
finance 45, 110, 169, 246, 317, 423, 540, 703, 812, 896, 976, 1051
finance (bound reports) 316, 538
traffic 47, 112, 173, 248, 319, 424, 542, 706, 814, 900, 977, 1053
traffic (bound reports) 108, 244, 245, 538, 702, 811, 1050
valuation 50, 119, 185, 250, 425, 549, 716, 819, 908, 982
valuation (bound reports) 44, 245, 538, 1050
publications for sale by supt. of docs 105
report, Dec. 1, 1930 423
see also names of railroads, etc.
Interstate Commerce Committee, Senate:
calendar 37, 409, 523, 680, 801, 884
hearings 162, 409, 523
reports 681
Interstate Engineering & Construction Co. 902
Interstate Power Co., gas oil 48
Interstate Transit, Inc., *vs.* Dick Lindsey 1004
Interstate Transit Lines 182
Intestines:
foreign bodies in gastrointestinal tract 585
tuberculosis, diagnosis and treatment 937
tuberculosis, study 852
varix, fatal hemorrhage 203
Intoxicating liquors, *see* Liquors.
Intracranial tumor, glioma 203
Intravenous injections:
glucose solutions, intravenous use 937
urography with uroselectan 256
Inulin:
hydrolyzed, difructose anhydrides from 881, 1038
hydrolyzed, disaccharides in 302, 484
Invalid Pensions Committee, House:
reports 402, 503, 642
Inventions:
changes in classification 158, 482
classification bulletin 773
see also Patents.
Inventories:
property, consular regulations 351
property, instructions to diplomats 351
Inventors:
alphabetical list of patentees 228
Investigation Bureau, Justice Dept. 253, 340, 431, 559, 723, 825, 916, 989
Investigation of Alaska Railroad, Special Select Committee, Senate, *see* Alaska Railroad, Special Select Committee on Investigation of, Senate.
Investigational report, Fisheries Bureau 606, 770, 875, 960
Investment (dentistry):
packaging, elimination of waste 965
Investment Division, *see* Finance and Investment Division, Foreign and Domestic Commerce Bur.
Investments, American direct, in foreign countries 296
Invoicing of imported merchandise 269
Iodine:
gangrene of penis caused by 436
in treatment of exophthalmic goiter 585
Iola Cement Mills Traffic Association 708, 901
Ionization:
heat of ionization of water 964
standard ionization chamber 160, 302
X-ray ionization chamber diaphragm 612, 777
see also Photo-ionization.
Ionized zirconium, *see* Zirconium.

Page
Iowa:
Brucella infection study 273 (2 entries), 750
census, 1930—
agriculture 955, 1030
population 293, 955
unemployment 873
Federal aid highway system progress map 601
hailstorm, Sept. 7, 1930 379
postal service—
mail contracts 348
post route map 733
schedules of mail trains or routes 67, 130, 350, 443, 732, 925, 1073
public-health survey 75, 364
secular trend of precipitation 9
Iowa Agricultural Experiment Station:
methods of eradicating buckthorn 376
soil surveys—
Buchanan County 947
Lyon County 947
Iowa circle, D. C., changing name 393
Iowa Southern Utilities Co., switching 908
Iowa State Traveling Men's Association 1005
Iraq, rights of U. S. and its nationals 1002
Ireland, Merritt W., statement 33
see also Medical Department, Army.
Ireland, *see* Great Britain—Northern Ireland.
Ireland Island, Bermuda, chart 921
Irish Sea, chart 1068
Iron:
action on oxygen consumption of cells 851
Belgian-Luxemburg iron industry 386
Czechoslovak industry 96
export classification 480
publications for sale 891
rates on iron 49, 115, 178, 249, 424, 545, 711, 815, 904, 980, 1056, 1076
rates on iron articles 320, 321, 981
see also Cast-iron—Iron ore.
Iron and Steel Division 95, 96, 386, 480
Iron bars, rates on 711, 712
Iron Cap Copper Co., United States *v.* 551
Iron castings, rates on 179
Iron-constantin thermocouple, millivolt-temperature relation 276
Iron ore:
Federal standard stock catalogue 1008
on Canyon Creek, Ft. Apache Indian Res. 700, 892
production in 1929 227
rates on 320, 545
value of 1928 mine production 298
Ironing-boards, rates on 49
Ironton R. R., excess income 975
Iroquois Club of Chicago *v.* United States 695
Iroquois Indians, researches among Six nations 840
Iroquois Pulp & Paper Co., wood-pulp 716
Irrigation:
alfalfa growing, irrigation practices 8
boron in water may hurt orchards 88
drainage of irrigated farms 951
effect on vigor of seed potatoes 377
publications—
farmers' bulletins relating to, list 244
for sale by supt. of documents 972
pumping for, from wells 472
requirements of Columbia River basin 218
sugar beet growing, Utah-Idaho area 764
surface irrigation in Eastern States 153
surveys 589
see also Reclamation of land—*also* names of irrigation projects.
Irrigation and Reclamation Committee, House:
hearings 402, 681, 795
reports 402, 503, 642
Irrigation and Reclamation Committee, Senate:
calendar 523, 681
hearings 38, 523, 681
reports 523, 681
Irrigation districts, statutes of Western States 600
see also names of districts.
Irrigation projects, *see* Reclamation of land—*also* names of projects.
Irvine, W. L., scarlet fever on U. S. S. Oklahoma 436
Irving, Samuel L., *v.* United States 306
Irving Bank-Columbia Trust Co., exr., *v.* U. S. 307
Irving Trust Co., *v.* United States 428

Page
Irwin, Ed. M. (Representative from Ill.):
minority views—
Claims Com 626
reports made by—
Claims Com 396–397, 491–496, 623–628, 792
Conference Com 790–791
Irwin, Jack, *v.* United States 911
Isbell, Horace S.:
α-d-gulose calcium chloride compound 160, 302
electrolytic oxidation of sugars 1038
ring structure of mannose 302, 485
Isham, Clara H., case of executor 102, 162, 330, 428, 554
Isla de Pinos, *see* Isle of Pines.
Islands:
birds from islands off Dutch Borneo 265
markets for American motion pictures 960
see also names of islands or groups of islands.
Isle of Pines, aviation chart 832
Isle Royale National Park, establishment 654, 692, 785
Isomers of hexane from petroleum 230, 390
Isostasy and gravity 93
Isthmian Canal Zone, *see* Panama Canal (zone).
Italy:
airports 224
arbitration treaty with U. S. 737
chemical developments in 1928, etc 95
income tax on shipping profits, relief 447
sailing directions, southeast coast 1067
sales districts 296
water colors by Henry Bacon 840
Itasca Cotton Manufacturing Co 716
Itawamba County, Miss., bridge 402, 519, 619
Ithaca, N. Y., Cornell war memorial, address 1074
Ivan quadrangle, Tex 701
Ives, James E.:
loss of light due to smoke, New York City 138
summary (in public health rps., v. 45) 139
radiant energy and skin temperatures 76
Ivey, Evelyn M., *v.* United States 887
Izaak Walton League of America, memorial 693

J

Jacks, bell-bottom screw, waste elimination 776
Jackson, Charles, *vs.* United States 359
Jackson, Grafton E., to pay 791
Jackson, Lafayette A., court case 1004
Jackson, Lloyd, to pay son 791
Jackson, Marion J., exr., court case 327
Jackson, Richard F.:
anhydrofructose, etc 160, 301
crystalline difructose anhydrides 880, 881, 1038
disaccharides in hydrolyzed inulin 302, 484
Jackson, William, livestock during drought 211
Jackson, William H., *v.* comnr. of internal rev 911
Jackson Barracks, sale to Louisiana 26
Jackson Brewing Co., beverages 900
Jackson County, Mich., soil survey 212
Jackson Fertilizer Co., sulphur 981
Jackson Traffic Bureau:
boxes 112
contractors' outfits 902
cotton-seed 176
grain 815
molds 905
sulphur 981
Jacksonville, Fla.:
airway map 872
rivers and harbors in district, rp 588
Jacob, K. D., analysis of natural phosphates 284
Jacob Brothers Co 911
Jacobs, Eastman N.:
aerodynamic characteristics of airfoils 191, 1064
air flow in wind tunnels 59
airfoil pressure distribution 190, 255, 1064, 1065
Jacobs, H. H., ring type engine cowls 1013
Jacobs & Sachs, Fed. Trade Comn. rp., etc 1045
Jacobson, Albert H., relief 626
Jacobson, Benjamin L., to credit accounts 20
Jaeger's test types in near vision 851, 1084
Jaffee, Charles D., as stockholder, court case 336, 915
Jaffee, Louis J., as stockholder, court case 915
Jahncke, Ernest L., address 1069
Jahnke, Eduard G., *v.* United States 805
Jakes, John, relief 525, 614
Jakl, Vincent, Central States, ceiling, etc 90

Page

Jamaica:
money-order post offices 129
Jamaica Bay, chart 478
Jamaica-ginger paralysis, *see* Ginger paralysis.
James, Arthur C., court cases 187, 911
James, Ellen S., case of executors 187
James, Lawrence H., effect of salt on microbial heating of alfalfa hay 1021
James, Stephen, cooperação entre estradas de ferro e auto-caminhões 65
James, W. Frank (Representative from Mich.): reports made by—
Conference Com 621
Military Affairs Com 505-506, 646, 649
James River, Mo., bridge 636, 668, 785
James River, Va., charts 12, 295
Jamestown Island, *see* Colonial National Monument.
Japan:
banking 876
leather industry and trade 877
Japanese:
publications concerning, for sale 417
Japanese beetle:
article on 6
digestive tract, anatomy, etc 147, 150
parasite 374
quarantine 466, 1019
traps 87
Japanese persimmon, effect of ethylene 757, 864
Jarka, F., Co., admx. of Anton Uravic *vs* 576
Jars, customs appeal 969
Jarves, Deming, trustee *v.* United States 1060
Jarvis, C. S., New England floods, etc 107
Jasper, William, erection of marker 26
Java:
la Estación Experimental de la Industria Azucarera de Java 260
Jay, Fort, increase flying-field area 647
Jeanneret, Enriqueta Koch v. de, relief 493
Jeans, Sir James, physics of the universe 355
Jefcoat, David C., relief 493
Jefferson, Edward, Inc., machinery 806
Jefferson, James B., relief 20
Jefferson Electric Manufacturing Co 330
Jefferson Gas Coal Co 330
Jefferson Lumber Co., misrouting 321
Jefferson Medal of Honor for Distinguished Work in Science, *see* Thomas Jefferson Medal of Honor for Distinguished Work in Science.
Jeffrey, George L., Standards Bur. pubs 391
Jeffries, Sallie, *v.* United States 532
Jellies, homemade apple and citrus pectin 376
Jemison, J. B., *v.* comnr. of internal revenue 251
Jenkins, Anna E.:
brown canker of roses 861, 950
citrus-scab organism, development 1024
lima-bean scab caused by Elsinoe 595, 764
scab of Canavalia caused by Elsinoe 595, 764
Jenkins-Kreer & Co., Inc 330
Jennings, Frederick B., case of executrix 330, 333
Jennings, Irving C., patent appeal 773
Jennings, R. D., livestock in Coastal Plain 282
Jensen, C. P., Corporation, relief 779
Jensma Creamery Co., dairy products 902
Jerman, Stanley A., receiver, relief 511
Jeronimus, Charles D., relief 506
Jervey, Thomas M., patent case 52, 53
Jesse W. Lazear Medal of Honor for Distinguished Self-sacrifice for Humanity, to provide for 32
Jessen, Carl, secondary education 241
Jessup, R. S.:
multiple manometer and piston gages 1038
petroleum oils, compressibility, etc 302, 486
Jett, Lawrence A., relief 493
Jetter, Ludwig H., fee for agent of admr 843
Jewell-LaSalle Realty Co., *vs.* Gene Buck 930
Jewelry:
customs appeal 806
Federal standard stock catalogue 744
Jewett, Henty C., Norfolk, Va., district, rp 589
Jill, Robert, exr. *v.* comnr. of internal revenue 985
Jinotepe, Nicaragua, map 753
Joachim, William F.:
automatic injection valve 1064
fuel vapor pressures 59
Jocko Reservation, *see* Flathead Reservation.

Page

John, Walton C., college and univ. education 1048
John Day River, power site restoration 735
John Wanamaker (firm), *see* Wanamaker, John (firm).
Johns, William H., relief 20
Johnson, Abram H., relief 684, 779
Johnson, Albert (Representative from Wash.): reports made by—
Conference Com 620, 791
Immigration and Naturalization Com 499, 632
Johnson, Bertrand L., phosphate rock in 1929 961
Johnson, Esther H., statistics of cattle, etc 84
Johnson, Fred G. (Representative from Nebr.): reports made by—
Claims Com 396-397, 491-492, 495, 626
Johnson, Hiram W. (Senator from Calif.): reports made by—
Commerce Com 36, 102, 407-408, 517, 666-672
Johnson, J. M., oxygen consumption of tissues 750, 935
Johnson, John A., relief 34
Johnson, John E., *v.* United States 306
Johnson, Lucius W., Santo Domingo disaster 436
Johnson, Noble J. (Representative from Ind.): reports made by—
Interstate and Foreign Commerce Com 400, 638
Johnson, Paul E.:
blocking of cervical plexus 274
diseases of gall bladder, etc 76
Johnson, Royal C. (Representative from S. Dak.): report made by—
Conference Com 31
Johnson, Stephen O., court case 330
Johnson, Stuart L., promotion 526, 614
Johnson, W. Scott, milk ordinance in Missouri 1085
Johnson, Wesley B., relief 687, 779
Johnson, William H., Fed. Trade Comn. rp., etc 239
Johnson, William K., *v.* comnr. of internal rev 331
Johnson and Higgins *v.* United States 428
Johnson City, Tenn., National Home for Disabled Volunteer Soldiers 27
Johnson County, Ga., bridge 27
Johnson Locke Mercantile Co 187
Johnson-Randall Co., freight rates 319
Johnstin, Ruth, pectin extracts for jelly 376
Johnston, A. R., relief 20
Johnston, John R.:
el cultivo del cacao 193
enfermedades y plagas de la piña 834
Johnston, Rowland L. (Representative from Mo.): reports made by—
Claims Com 396, 493-495
Johnston, W. W., Casper-Alcova project 811
Johnstone, R. H., *v.* United States 554
Johnstons Island, to acquire Confederate Stockade Cemetery 524, 616
Joint Board, *see* Army and Navy Joint Board.
Joint commissions, *see* names of commissions.
Joint committees, *see* names of committees.
Joint resolutions, *see* Resolutions.
Joint stock land banks:
information from Farm Loan Bur 747
powers in receivership—
hearings 661
law 785
report 514
statements of condition 137, 362, 747, 1008
Joints:
false ball and socket joint case 366
Joists, open web steel, waste elimination 775
Jolliffe, C. B., radio subjects, classification 391
Jones, Benjamin E.:
water-power resources, McKenzie River 810
water-power resources, Umpqua River 107
Jones, D. Breese:
sweetpotatoes high in food value 86
vitamins in sugarcane juice, etc 371, 373
Jones, E. D., & Sons Co., misrouting 816
Jones, Edwin H., meteorological peculiarities of Yakima Valley, Wash 473
Jones, Elmer M., patent appeal 610
Jones, Fred G., & Co., ironing-boards 49

Page

Jones, G. W.:
limits of inflammability of gases, etc. 609
toxic gases from explosives 387
Jones, Grove B., soil of Rankin Co., Miss. 761
Jones, Ivan D., sorghum tissue fluids 595, 764
Jones, James M., precipitation in California 952
Jones, Jenkin W., rice, anthocyan pigmentation 8
Jones, Leon K., mercury-dusts in pea-seed treatment 595, 758
Jones, Lewis A., farm drainage 600
Jones, Linus H., plant containers 861, 945
Jones, S. A., relief 20
Jones, S. J., comnr. of internal revenue *v.* 331
Jones, Samuel A.:
dairy and poultry statistics 84
miscellaneous agricultural statistics 84
statistics of miscellaneous crops 84
Jones, Stephen R., Sec. of Treasury, etc., *v.* 40, 428
Jones, Wesley L. (Senator from Wash.):
reports made by—
Appropriations Com. 513, 661
Commerce Com. 36, 37
Conference Com. 394
Jones Monumental Works, granite 320
Jonesville, La., bridge 400, 406, 487
Jonitz, Franz J., relief 663, 779
Jordan, C. F., undulant fever 273 (2 entries), 750
Jordan, Edna M., statistics of cattle, etc. 84
Jordan, Edwin O., what we know of influenza 256
Jordan, Howard V., soil of Polk County, Mo. 213
Jordan, L. G., syphilis problem on ship 61
Jordan, Louis:
overreduced condition in molten steel 302, 486
properties of pure nickel 391, 485
Joseph, T. L., blast furnace 14
Josewich, Alexander, foci in tuberculosis 852
Joss, E. C., carotenosis of bovine livers 4
Journal Company *v.* Federal Radio Comn. 309, 697
Journal of agricultural research 3, 147, 209, 371, 465, 595, 757, 861
contents, index, etc.—
v. 40 147
v. 41 757
Journal of research, Standards Bureau:
bound volumes 964
contents, index, etc.—
v. 4 230
v. 5 881
v. 6 1038
monthly issues 17, 99, 160, 230, 302, 391, 485, 612, 775, 880, 964, 1038
Journals:
Grand Army of the Republic 882
House of Representatives—
71st Cong. 2d sess. 232
71st Cong. 3d sess. 1040
Senate—
71st Cong. 2d sess. 304
71st Cong. 3d sess. 967
71st Cong. special sess. 304
Supreme Court of United States 268, 357, 448, 576, 738, 844, 930, 1003, 1078
Joy, M. A., cotton 176
Joyce, J. Wallace, electromagnetic absorption by rocks 772
Joynes, Bell S., appointment 130
Judd, Deane B.:
color temperature measurements 302, 484
standard visibility function extension 775, 966
Judd, Neil M.:
Arizona's prehistoric canals 840
excavation and repair of Betatakin 132
Judd, Ray C., cattle 543
Judd and Leland Manufacturing Co., Inc. 968
Judge Advocate General, Navy 435
report, 1930 435, 828, 829
Judge Advocate General's Department, Army 753, 1089
digest of opinions, 1930 1089
regulations for Officers' Reserve Corps 1087
Judges:
charges against Harry B. Anderson 394, 642
complaint against Bascom S. Deaver 32, 642
confirmation of G. H. Nordbye, hearings 967
for—
California 26
District of Columbia 24
Florida 26
Illinois, additional judges 656, 682, 785

Page

Judges—Continued.
for—continued.
Illinois, permanent office 26
Michigan 682, 785
New York State 656
Washington 409, 682
law clerks to circuit judges 24
to make permanent certain judgeships 503, 656
Judgments:
against D. C., estimate for payment 741
Court of Claims 412, 427, 552, 718
District Courts—
lists 427, 552, 718
public vessels act 718
food and drugs act—
notices of judgment 7, 87, 151, 215, 286, 375, 469, 599, 762, 866, 948, 1023
notices of judgment, index 469
Fort Berthold Reservation Indians 633, 679, 790
insecticide act, notices 215, 469
naval stores act, notice 1023
see also Decisions—Opinions—*also* names of parties to suites.
Judicial appropriations, *see* Justice Department.
Judicial code, *see* special subject.
Judiciary, *see* Courts of United States—Judges—Justice Department.
Judiciary Committee, House:
calendar 32, 403, 503, 795
hearings 32, 233, 503, 643
minority views 643
reports 32, 403, 503–504, 642–643, 795
Judiciary Committee, Senate:
calendar 38, 409, 523, 681, 801
hearings 38, 523, 801, 884, 967
reports 38, 409, 523, 681–682, 801
Judith, Point, chart 1032
Judy, A. S., heart block 1066
Jugoslavia, *see* Yugoslavia.
Julihn, C. E.:
bauxite and aluminum in 1929 1035
copper in 1928 296
copper in 1929 1036
Jull, Morley A.:
feeding chickens 1021
incubation and brooding of chickens 596
poultry inbreeding harmful 5
standard breeds, etc., of chickens 211, 283, 947
turkey raising 283
June, Harold I., transfer to Fleet Reserve 687
Juneau, Alaska, rivers and harbors in dist. 588
Junior colleges, bibliography 43
Junior high schools, status of principal 313
Junk, rates on 712
Jurney, R. C.:
soil surveys—
Davie County, N. C. 761
Lenoir County, N. C. 212
Jury:
amend judicial code rel. to grand jury 503, 656, 785
bibliography, grand jury 1065
waiver of trial by jury in District Courts 38
Justice, Alonzo A.:
passing of mirage locally 473
seeing inside of tornado 90
Justice:
criminal justice administration cost 256
criminal justice surveys analysis 1065
Justice Department 50, 119, 185, 250, 322, 426, 550, 717, 819, 909, 982, 1059
appropriations, 1931—
estimate 742
appropriations, 1932—
hearings 491, 513
law 788
minority views 491
reports 491, 513, 621
opinions of Attorneys General—
v. 36, by signatures 188, 334, 823
for sale by supt. of documents 42, 972
relating to Army 1089
register 335
report, 1930 430
supplies, blank forms, etc., list 430
see also, for court cases, names of parties to suits.
Justice, International, Permanent Court of, *see* Permanent Court of International Justice.

Page
Jute Industries, Ltd., *v.* United States 306
Juvenile Court of D. C., report, 1930 532
Juvenile delinquency:
la delincuencia infantil y su legislación en América 1071

K

Kaauila Land Trust 985
Kadel, Benjamin C., rainfall catch 219
Kahlbaum, William:
flow characteristics of alloys, etc 17, 98
tensile properties of alloy steels 612, 776
Kahler, H., glass electrode measuring pH of blood 203, 456
Kahn, Florence P. (Representative from Calif.):
reports made by—
Military Affairs Com 504–506, 645–647, 649–650
Kahn test:
evaluation of test 108
positive, significance in leprosy 936, 1085
reading results in tinted, etc., sera 203
use in experimental rabbit syphilis 76, 203
Kahului Harbor and approaches, charts 94, 875
Kahului Railroad, stock 171
Kaibab National Forest 470
Kalamazoo National Bank & Trust Co., receiver 319
Kalamazoo Sled Co 183
Kalamazoo Vegetable Parchment Co 844
Kalasanckas, Joseph, *v.* Frank T. Hines 331
Kalispel Indians:
relief of Upper Pend d'Oreilles 522, 633
Kalitin, N. N., field albedometer 1027
Kalmbach, E. R.:
English sparrow control 1021
homes for birds 467
Kalmia, stock-poisoning plant 372
Kamia of Imperial Valley 840
Kanawha & Michigan Ry., acquisition 1052
Kanawha River, light list 226
Kanawha Valley Bank, court case 291, 953
Kane, Margaret, appointment 837
Kankakee & Seneca R. R., bonds 705
Kankakee River:
bridge in Indiana 400, 517, 617
navigation, flood control, etc., rp 940
Kanred wheat, *see* Wheat.
Kansas:
census, 1930—
agriculture 955
population 222, 955
unemployment 955
Federal aid highway system progress map 601
mail routes, schedules 67, 263, 443, 732, 925, 1073
post route map 733
Kansas Agricultural Experiment Station:
soil survey of—
Clay County 597
Crawford County 947
Labette County 761
Kansas City, Kans., bridge 27
Kansas City, Mo.:
airway map 1029
Chamber of Commerce—
butter 707
freight rates 48
firm and street separation scheme 348
National Conference on Vocational Rehabilitation 238
National Congress of Vocational Agricultural Students 163
rivers and harbors in district, rp 588
Kansas City, Mexico & Orient Ry 184
Kansas City, Mexico & Orient Ry. of Texas 898
Kansas City Paper House, garment hangers 545
Kansas City Southern Ry.:
bridge, Randolph, Mo 502, 518, 617
v. commissioner of internal revenue 74, 985
v. United States and I. C. C 539
Kansas City Structural Steel Co 448
Kansas City Title & Trust Co 331
Kansas Flour Mills Corporation, demurrage 544
Kansas Home Oil Co., gasoline 1056
Kansas, Oklahoma & Gulf Ry., rates on sand 50

Page
Kansas State Agricultural College, address by Stanley Reed 1044
Kansu, birds collected by National Geographic Society's Expedition 265
Kantrowitz, M. S., evaluation of kraft paper 808
Kaohe quadrangle, Hawaii 167
Kaolin:
kaolin minerals 1048
rates on china-clay 708, 814, 901
Karakul sheep, *see* Sheep.
Kardell, C. H., per capita food consumption 225
Karluk Anchorage, chart 477
Katakolo Bay, chart 126
Katmai National Monument, proclamation 1000
Katz, Frank J., mineral resources of U. S., 1929 96
Katz, S. H., warning agents for gases 387
Kaufmann, Augusta, case of administrator 121
Kaufmann & Baer Co. *v.* D. B. Heiner, etc 331
Kaw Valley Potato Growers and Shippers Traffic Association, freight rates 710
Kay, Abbott E., *v.* Federal Trade Comn 53
Kaydeross R. R.:
abandonment 46
rates on coal 248
Kaylor, Thomas H., trustee, *v.* United States 720
Kaynor, William K., memorial services 614
Keaahala reservation, restoring pt. to Hawaii 1075
Kean, Hamilton F. (Senator from N. J.):
reports made by—
District of Columbia Com 520, 674
Naval Affairs Com 526–527, 687
Kearney, Catharine, relief of father 20
Kearney, Frances, appointment 196
Kearney, Peter A., relief 20
Kearney, Thomas H.:
choice of crops for alkali lands 764
cotton breeding 88
short branch of cotton 209, 217
Keating, Edmund B., *v.* United States 188
Keblinger, Wilbur, Australia as market for American goods 771
Kedzierski, S. L., distribution cost problems of manufacturing confectioners 960
Keefe, Sterrit, relief 526, 614
Keen & Woolf Oil Co 53
Keenan, G. L., pyrethrum, insecticidal value 87
Keesecker, Ward W.:
Bible reading, etc., in public schools 106
Federal subsidies for education 106
review of educational legislation 241, 972
Keith, James, *v.* United States 305, 324
Keith, T. B., swine litters, size 210, 282
Keith County, Nebr., soil survey 150
Keitt, G. W., hairy-root of apple trees 209, 377
Kekaha Sugar Co., Ltd 555
Keku Strait, chart 605
Kelchner, Warren H., fundación y desarrollo de la Unión Panamericana 1071
Kellam, John W., diathermy in laryngeal tuberculosis 76
Kellar, James, *v.* United States 985
Kellers, Henry C., biological collecting on Tin-Can Island 840
Kelley, James, rp., etc., of Fed. Trade Comn 239
Kelley, M. A. R.:
farm bulk storage for small grains 218
ventilation of farm barns 9
Kelley, Robert J., gdn. *v.* United States 911
Kelley, William, relief 647
Kelley Island Lime & Transport Co., lime 179
Kellogg, Remington, whales 840
Kellum, Henry J., foreign bodies in gastrointestinal tract 585
Kelly, Clyde (Representative from Pa.):
reports made by—
Post Office and Post Roads Com 404
Kelly, Ernest, production of clean milk 864
Kelly, J. W., linum neomexicanum 371, 471
Kelly Field:
land for aerial bombing range, etc.—
hearings 33
law 26
Kelp Bay, chart 295
Kelsey, Clark B., furniture 871
Kelso, Tenn., bridge 400, 406, 616
Kemper Silk Co., Inc 970
Kempf, Grover A., mottled enamel 364, 365, 851

Page
Kenai Peninsula, charts 94, 295
Kendall, Samuel A. (Representative from Pa.):
reports made by—
Post Office and Post Roads Com 653, 795
Kendrick, John B. (Senator from Wyo.):
reports made by—
Indian Affairs Com 521–522, 679
Public Lands and Surveys Com 529, 693
Kenmotsu, Sadaichi, *v.* John D. Nagle 822
Kennebec River, flood control, etc 854
Kennebunk River, flood control, etc 78
Kennedy, Flora A., follow-up nursing 853
Kennedy, William K., relief 779
Kennelly-Heaviside layer observations 302, 485
Kennett, Mo., bridge 641, 672, 788
Kenosha Harbor, chart 1014
Kent County, Mich., soil survey 5
Kentucky:
census, 1930—
agriculture 873, 956
population 382, 956, 1030
Federal aid highway system progress map 765
Highway Commission—
bridges, to acquire, construct, etc 26
mail routes, schedules 195, 350, 443, 732, 925, 1073
post route map 733
Tax Supervisors Board—
Junius C. Klein *vs.* 449
Kentucky & Indiana Terminal R. R.:
valuation 717
versus comnr. of internal revenue 822
Kentucky & Tennessee Ry., rates on coal 544
Kentucky bluegrass, seed adulteration, etc 8
Kentucky Independent Oil Co., gasoline 178
Kentucky River, low water, 1930 473
Kenyon, W. C., & Sons, cattle 1054
Kephart, L. W., sweetclover in corn belt 467
Keppler, Christian L., estate *v.* comnr. of internal rev 912
Kerlee, E. J., relief 20
Kern, Harry R., exr., *v.* comnr. of internal rev 718
Kern River, navigation, etc., partial rp 940
Kerosene, specifications and proposals 74
Kerr, J. A.:
soil surveys—
Crawford County, Kans 947
Hardin County, Tenn 468
Kerr, John H. (Representative from N. C.):
report made by—
Public Buildings and Grounds Com 508
Kerr, Paul F., kaolin minerals 1048
Kerr Glass Manufacturing Corporation 903
Kershaw, Royce, bridge 24
Kerwin, Hugh L., conciliation work of Labor Department 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
Ketchikan, Alaska:
bonds to acquire public utilities 26
radio station, Executive order 130
Ketterer, Clarence H., essential hypertension 76
Kettner, E. C., pyorrhea alveolaris 203
Keuka Lake Ice Co., coal 901
Keulegan, G. H., on vibration of U bars 880, 1039
Kevin-Sunburst oil field, Montana 106
Kewaunee Manufacturing Co., aquariums 112
Key number, form 3547 441
Keyes, Henry W. (Senator from N. H.):
reports made by—
Appropriations Com 661
Public Buildings and Grounds Com 690–691
Keys, William A., relief 509
Keyser, E. M.:
fire-weather comparisons, 1929 379
Inland Empire long-period rainfall riddle 219
Khaz Bay, chart 12
Kiatuthlanna, eastern Arizona, ruins 1001
Kick, C. H., potassium iodide for chicks 3, 83
Kickapoo Indians:
studies 840
trust period extended 130, 1000
Kidneys:
adeno-carcinoma of kidney 366
calculus of kidney complicated by bullet 1066
Kienast, Gottfried R. Baumann-, *see* Baumann-Kienast, Gottfried R.
Kiernan, John A., tuberculosis in live stock 372
Kierulff & Ravenscroft 182

Page
Kiess, C. C.:
arc and spark spectra of chromium 160, 301
arc spectrum of zirconium 880, 1039
spectra of ionized zirconium 99, 232, 391, 486
Kiess, Harriet K.:
arc spectrum of zirconium 880, 1039
spectrum of singly ionized zirconium 391, 486
Kiesselbach, T. A., quality of alfalfa hay 867
Kiessling, O. E.:
economics of strip coal mining 609
correction of author's initials 756
fuel briquets in 1929 14
Pennsylvania anthracite in 1929 772
production, etc., of Washington coals 772
Killand, T. K., dry-land gardening at Mandan, N. Dak 1025
Killeen quadrangle, Tex 314
Killilea, Frank J., to reimburse 20
Killion, Clarence R., relief 647, 684
Kilns:
drying handbook 151
rates on 115, 815
Kim quadrangle, Ariz 893
Kimball, Herbert H.:
meeting of International Geodetic and Geophysical Union 290
reflectivity of different surfaces 219
total solar radiation on horizontal surface 952
Kimbell, Isham, treatment of neuro-syphilis 140
Kimberly, Arthur E., light sensitivity of rosin 964
Kimbrough, J. W., granuloma inguinale 829
Kincaid, R. Foster, sr., U. S. *versus* 121, 331
Kincer, J. B., weather and cotton production 90
Kindergarten:
kindergarten-primary education, study 418
phases of education 241
teachers' guide to child development 418
teaching of reading, manual for teachers 973
Kinderhook Creek, navigation, etc 588
King, Alexander, Stone Co., freight-cars 710
King, C. J., buds on Pima, etc., cotton 371, 471
King, H. C., & Sons, Inc., demurrage 902
King, Harry E., *v.* United States 719
King, Helene W., A. C. Alexander *v.* 188
King, J. L., parasite of Japanese beetle 374
King, W. R.:
surface water supply—
Atlantic, etc., basins 419
Ohio River basin 243, 892
King, W. W., venereal disease, Coast Guard 456, 851, 1085
King, William H. (Senator from Utah):
foreign and domestic wages, prices, etc 883
report made by—
District of Columbia Com 408
King Amusement Co 555
King Road, charts 344, 994
Kingan & Co., Inc., *v.* United States 306
Kingdom of Serbs, Croats, and Slovenes, *see* Yugoslavia.
Kingfisher, nematode worm from 1077
Kingman, John J., Milwaukee, Wis., dist., rp 588
Kings Mountain, Battle of, 1780:
anniversary, address of President Hoover 263
national military park to commemorate 785, 802
Kings Mountain National Park, to establish 785, 802
Kings River, storage resources, report 806
Kingsland, Ark., bridge 502, 618, 672
Kinman, C. F., unproductive cherry trees 147, 216
Kinney-Coastal Oil Co., relief 20
Kinnison, H. B.:
New England flood of Nov. 1927 107
surface water supply—
Atlantic basins 892
St. Lawrence River basin 537
Kinsman, C. D., haying equipment 862
Kinzer, J. Roland (Representative from Pa.):
reports made by—
Claims Com 397, 492, 624–626
Kiowa Agency, *see* Wichita Reservation.
Kirby Lumber Co., court cases 121, 412, 912, 985
Kirk, James S., & Co., Inc., demurrage 48
Kirk, Margaret Y., relief 20
Kirk, Paul, relief 20
Kirkland, Weymouth, relief 663
Kirschbaum, H. W., F6C-3 airplane 726
Kirschbraun, Lester, patent appeal 228
Kistler, W. F., comnr. of internal rev. *v.* estate 428

Page
Kistler Leather Co.:
coal 708
quebracho 547, 817
Kitchen-apparatus, etc., stock catalogue 1081
Kitchen-middens, Santo Domingan 840
see also Mounds.
Kites:
aerological observations 290, 870
kites and kite making 870
Kittelle, Sumner E. W., to accept decoration 506
Kittle, Mrs. W. M., relief 20
Kittle Manufacturing Co., Inc 816
Kitty Hawk, N. C., road from Virginia Beach 33
Klamath Indians:
enrollment 32
tribal funds for legal expenses 500, 522, 617
trust period extended 130
Klamath Irrigation District, land 692, 885
Klein, Armin, posture and physical fitness 916
Klein, Arthur J., higher education 241
Klein, Junius C., *vs.* Tax Supervisors Board, Ky. 449
Klein, Lawrence, *v.* United States 236
Klein, Solomon, case of admx 236, 331, 720, 1004
Klein Chocolate Co., B. D. McCaughn, etc., *v.* 187, 200, 1005
Kleinman, I. L., relief of heirs 20
Klefoth, Alfred W., relief 493
Kline, Andrew, relief 663, 779
Kline, G. M., titrating aldose sugars 302, 486
Kline, Lane B., intestinal tuberculosis 937
Kline test, evaluation 108
Klinefelter, C. F., training of teachers for trade and indus. education 238
Klinghoffer, Enrique, reimbursement 574
Klotz, L. J., citrus resistance to bark diseases 209, 281
Knapp, Margaret B., relief 626
Knapp, Milburn, relief 626
Knappen, R. S., Carbon, etc., counties, Mont 166, 810
Knickerbocker Insurance Co. of New York 251
Knight, Blanche, relief 792
Knight, Edna F., *v.* comnr. of internal revenue 821
Knight, Edward, relief 614, 684
Knight, Montgomery:
airfoil tests in wind tunnel jets 342, 1065
rolling moments due to rolling and yaw 992
wind tunnel tests on wing 59
Knit-Firm, Inc., rp., etc., of Fed. Trade Comn 239
Knitted-goods, standard stock catalogue 1081
Knobel, E. W.:
soil surveys—
Crawford County, Kans 947
Labette County, Kans 761
Rankin County, Miss 761
Knollwood Club *v.* United States 252, 720, 968
Knott, Henry A., & Co., relief 20
Knowlton, Frank H., flora of Denver formation 106
Knox, Charles F., jr., Porto Rican market 961
Knoxville, Tenn.:
bridge 29
Freight Bureau—
swine 184
public health progress (2 entries) 1010
Knudsen, J. B., *vs.* Charles Benson 930
Knutson, Harold (Representative from Minn.):
reports made by—
Insular Affairs Com 500, 634
War Claims Com 510–511
Kobe Ko, chart 566
Kobseff, Joakime, patent appeal 228
Koch, I. B., Fred O. Goodell *vs.* 71, 331, 336
Koch v. de Jeanneret, Enriqueta, *see* Jeanneret, Enriqueta Koch v. de.
Kocher, A. E., soil survey of Grande Ronde Valley area, Oreg 212
Koehler, Benjamin, chemical-dust seed treatments for corn 1025
Koehler, Leo, Adolph Pilger *v.* 602
Koenig, Hans A. agent, fee 843
Koenig, Paul L., fruit, etc., statistics 4
Koenigstein, Arthur J., relief 22
Kohler Company:
bath-tubs 707
electric generating plants 248
Kokomo Steel & Wire Co., fuel-oil 979
Kolb, George & William, clay 708
Kolb, Lawrence, addiction of animals to opiates 851, 1085
Kolmer test, evaluation 108
Kolquist, Oscar N., foreign directories 876

Page
Kootenai National Forest, lands 1000
Kootenais Indians, *see* Kutenai Indians.
Kopp, William F. (Representative from Iowa):
reports made by—
Flood Control Com 631
Pensions Com 508, 652, 795
Koppelman, Morris, patent appeal 482
Korea, *see* Chosen.
Korol, E., atelectasis studies 585
Koroni Anchorage, chart 126
Koschmieder, H., visibility, Danzig 601
Kotok, E. I.:
fire protection in Calif. pine region 151
forest fires in California, 1911–20 949
Kountze, Luther, exr. *v.* comnr. of internal rev 720
Koura, Port, chart 438
Kraft, L., soil survey of Kent County, Mich 5
Kraft paper, *see* Paper.
Kraft-Phenix Corporation, cream 319
Krantz, Earl B.:
breaking and training colts 211, 947
farm work horses, care and management 1020
Kratz, John A., vocational rehabilitation 533
Kremer and Hog, relief 20
Krenning Schlapp Wholesale Grocery Co 181
Krieger, Herbert W.:
aborigines of Hispaniola 354
Santo Domingan kitchen-middens, etc 840
Krieger, Louis, United States *v.* 555
Krinsky, I. B., Estate, Inc., relief 21
Kroeze, H. A., standard milk ordinance 273
Krohn Ice Co., ice 711
Kronprins Gustaf Adolf, motor ship:
agreement for arbitration of claim 842
Krotz Springs, La., bridge 400, 487, 516
Kroyer, John M., *v.* United States 720
Krupp Foundry Co., pipe 1057
Kruse, Frederick W., dolomite 979
Krusekopf, H. H., soil survey, Polk County, Mo 213
Kruzof Island, chart 1032
Krynitsky, A. I., blistering in enameling of cast iron 16
Krypton, interference measurements in spectra 302, 485
Kubeldzis, Agnes H., to pay 489
Kubeldzis, Albert J., to pay mother 489
Kudy, Edwin C., *v.* United States 252
Kuesel, Arthur, Coal Co., coal 708
Kuethe, A. M.:
measurement of air speed fluctuations 59
turbulence in wind tunnel measurements 1064
Kuhlman, A. H., protein digestibility 1019
Kuhn Paint & Varnish Works, lithopone 712
Kukenthal, Hans, Ruric C. Roark, etc., *vs.* 150
Kukuihaele landing, chart 1032
Kulchycky, Emil, relief 20
Kumanomido, Shizuko, *v.* John D. Nagle 53
Kummer, Fritz:
German automobile industry 57
International Federation of Trade Unions 917
Kunna, J. J., statistics of immigration 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
Kunz, Stanley H. (Representative from Ill.):
investigation of election 398
Kurtz, Mary E., books for tuberculous 203
Kurtz, William S., *v.* United States 968, 1060
Kuskokwim River, anthropological work 840
Kutenai Indians, relief 522, 633
Kvale, Ole J., memorial services 487
Kvale, Paul J. (Representative from Minn.):
report made by—
Territories Com 34
Kwangchow Wan, chart 833
Kyle, C. E., corn in Southeastern States 949
Kyle, C. H., susceptibility of corn to smut 147, 152
Kyle, William J., *v.* comnr. of internal revenue 555

L

Laake, E. W., screw worms, etc 374
Labels:
official gazette 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
on—
canned food when below standard 28
drug preparations, should be studied 215
food packages, safe guide 151
Labette County, Kans., soil survey 761

Page

Labor:
camps 189
coal-mine labor productivity 432, 826
decisions of courts and opinions 123
employment trends, male and female workers 57
enticing laborers from Canal Zone, etc 640
forced, etc., to prohibit imported goods—
hearings 658, 676
report 658
foreign labor laws series 561
governmental agencies, organization, etc 826
in—
China during civil wars (2 entries) 57
German automobile industry 57
Hawaii, 1929–30 (2 entries) 917
Korea, situation 341
London, survey 254
Republic of Liberia, forced labor 575
Soviet Russia, coal fields 796
Vienna, workingmen's housing 990
industrial relations and labor conditions series 917
labor laws of United States series 123, 724
legislation, 1929 724
longshore conditions in U. S 254, 341, 432
monthly labor review 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
index, etc., to v. 30 254
index, etc., to v. 31 917
offices and officials, in United States and foreign countries 123
productive associations, 1929 432, 826
productivity, loading, etc., ships 724, 725
publications for sale by supt. of docs 699
sickness among industrial employees 139, 273, 456, 936, 1085
steel workers, effect of radiant energy 76
trend of employment and labor turnover 57, 123, 189, 253, 254, 432, 560, 724, 826, 917, 990, 1062
see also Child labor—Employers' liability and workmen's compensation—Farm labor—Hours of labor—Railroad employees—Strikes and lockouts — Wages — Women — *also* certain headings beginning Employment—Labor.

Labor Committee, House:
hearings 643
report 643
Labor Department 57, 123, 189, 253, 340, 431, 559, 723, 826, 916, 989, 1062
appropriations, 1932—
hearings 491, 513
law 788
minority views 491
reports 491, 513, 621
conciliation work 57, 124, 189, 254, 341, 432, 560, 724, 826, 917, 990, 1062
leaves of absence, regulations 253
publications 124, 725
report, 1930 431
useless papers 803

Labor Department of Porto Rico:
to amend organic act of Porto Rico—
hearing 530
reports 500, 530, 634

Labor disputes, *see* Strikes and lockouts.
Labor exchanges, *see* Employment agencies.
Labor laws of United States series, *see* Labor.
Labor offices, *see* Employment agencies—Labor.
Labor officials, *see* Labor.
Labor-saving devices, specifications, etc 747
Labor Statistics Bureau 57, 123, 189, 253, 340, 432, 560, 724, 826, 917, 989, 1062
estimates 742
report, 1930 433
see also Stewart, Ethelbert.

Labor-unions:
members doing work on their own account 189
wage rates in time-work trades, 1930 560
wages and hours of labor, union scales 190, 560
see also American Federation of Labor—International Federation of Trade Unions.

Laboratories:
apparatus, standard stock catalogue 932
standardization of clinical work 365
see also names of laboratories.
Laboratory Products Co., milk food 546
Laborers, *see* Labor.
Labrot, Elizabeth H., *v.* comnr. of internal revenue 822
Labrot, Sylvester W., *v.* comnr. of internal revenue 822
Lace, customs appeals 162, 308
La Cour, D., Polar Year Comn., resolutions 870
La Crosse quadrangle, Wis.-Minn 420
Ladd, Jed P., bridge 666
Lading, *see* Unlading and lading.
Lady beetle, *see* Australian lady beetle.
La Flesche, Francis, Osage rite of Wa-xō-be 198, 355
La Follette, Robert M., jr. (Senator from Wis.):
reports made by—
Indian Affairs Com 679
La Forge, Thomas C., relief 634
La Franca, Anthony, United States *v* 555
Lafronte, Homero Viteri, *see* Viteri Lafronte, Homero.
Lag of thermometers and barographs 160, 303
Lagos Harbor, chart 344
Lake, G. C., experimental syphilis 273
Lake, *see* Lakes.
Lake Canaveral, steamship:
owner *v.* United States 53
Lake Charles, La.:
designated customs port of entry 351
include in customs district no. 21 68
Lake City, Ark., bridge 28
Lake City, S. C.:
Farmers & Merchants National Bank—receiver *vs.* Federal Reserve Bank of Richmond 358
Lake Denmark, N. J., claims, payment 534, 664, 779
Lake Fork power site restoration no. 550 264
Lake of the Woods:
chart 142
condemnation cases, appeal from awards 677, 785
damage claims 498, 853
regulation of level, convention 356
Lake Providence, Texarkana & Western R. R 318
Lake States:
compass and magnetism of the earth 1013
forest fire-weather service 870
Lake Survey, *see* Northern and Northwestern Lakes Survey.
Lake Worth Inlet, Coast Guard station 407, 617
Lakes:
North Dakota, wild-duck foods 760
errata 947
notes on lake levels 1027
steamboat inspection rules 1039
see also Great Lakes—*also* names of lakes.
Lakeside Country Club, relief 779
Lakin, Lillian N., relief 664, 779
La Lasine International, Inc 1045
Lamb, Elinor F., relief 21
Lamb, Katherine F., relief 21
Lamb, W. A.:
surface water supply—
Hudson Bay and Miss. R. basins 810
Missouri River basin 243
Lamb:
as you like it 287
boning lamb cuts 1020
grades of carcasses, standards 759
slaughtering and use 467
see also Sheep.
Lambert, H. L., relief 779, 798
Lambs, *see* Sheep.
Lamkin, Charles, relief 493
Lamont, John W., alias, *see* Leich, John W.
Lamont, Robert P., unemployment and business 953
see also Commerce Department.
Lamp-shades, customs appeal 308
Lampblack, standard stock catalogue 270
Lamps, *see* Electric lamps.
Lamson, Eleanor A.:
gravity computational procedure 729
gravity expedition of Navy, 1928 93
Lanagan, W. H., Los Angeles, Calif., dist., rp 588
Lance formation of Wyo., troödont dinosaur 1002
Lancelot, William E., home and family life 809

Page

Land:
acquisition, hearings on various bills 967
certificate of title 26
relinquishment for Navajo Indians 634
terracing farm lands 1026
utilization and farm problem 282
see also Eminent domain—Public lands—Reclamation of land—*also* names of certain States, etc.
Land banks, *see* Federal land banks—Joint stock land banks.
Land-grant colleges:
colleges and universities, 1929 312
Federal laws and rulings affecting 418
survey 312, 418, 535, 536, 700
see also names of colleges.
Land Office, General, *see* General Land Office.
Land patents:
cancellation of certain Indian patents 499, 679, 785
designating Mrs. Leafie E. Dietz to sign 570
oil-shale lands, applications—
hearings 33, 654
report 654
see also names of persons, etc., to whom patents are issued.
Land settlement, Great Lakes States 862
Landing fields, *see* Airports and aviation fields.
Landing gears for F6C-4 airplane 726
Landry, Jacobs, claim 654
Lands, *see* Land—Public lands.
Landt, Arthur B., appointment 1075
Lane, C. H., agricultural education 40
Lane, F. W., petroleum 14
Lane, M. C., Great Basin wireworm 598
Lane Construction Corporation 985
Lane Oil Co., gasoline 320
Lanett, Ala., Government building site 29
Lang, R. J., spectra of ionized zirconium 99, 232
Langdale, Elizabeth H., publications of Porto Rico Agricultural Experiment Station 6
Langley, Katherine (Representative from Ky.):
reports made by—
Claims Com 396–397, 493, 627
Langley Field, additional land 647
Langrock Brothers Co. *v.* United States 331
Langtry, Byron, *v.* United States 252
Language of psychoses 108
Language studies, Indians of Louisiana 840
Langvick, Mina M.:
construction of State courses of study 972
how boys and girls can help in drought 891
Langwell Real Estate Corporation 331
Lankford, Menalcus (Representative from Va.):
reports made by—
Naval Affairs Com 651–652
Lansdowne Realty Trust 912
Lansing, Iowa, bridge 501, 669, 786
Lansing Manufacturers R. R., control 318, 541
Lanski, I., & Sons Scrap Iron Co 695
Lantern slides, Agriculture Department 213, 284
Lanterns, storm-warning 952
Lanthanum monoxide, band spectra 881
Lantz, D. E., cottontail rabbits 1021
Lantz, Hilda D., statistics of cattle, etc 84
Lapham, Increase A., Weather Bur. beginnings 952
Larabee Flour Mills Corporation, grain 545
Lard:
blacktongue preventive value 138
specifications, etc 137
Lard substitutes, rates on 545, 816, 904
Larger corn stalk-borer 1022
Larrick, George P., canning industry's output 151
Larrimer, W. H., chinch bug 761
Larsen Bay, chart 477
Larvae:
maggots affecting animals 374
see also names of insects.
Larynx:
tuberculosis—
diathermy with elec. cauterization 76
tuberculosis of larynx 751
La Salle & Bureau County R. R., excess income 811
Las Casas, Caleta, chart 259
Lasché, P. G., catatonic dementia præcox 366

Page

Laskowski, Bernard R., roof and ground exposure of thermometers 952
Laspeyresia molesta, *see* Oriental peach moth.
Lassen National Forest, lands 26
Lassen Volcanic National Park:
addition of lands 26
general information circular 894
Las Vegas, Nev.:
airway maps 92, 381, 872
term of court 24
Lathe tools:
machinability with shallow lathe cuts 1038
tungsten carbide lathe tools, tests 99, 230
Lathrop, Edith A.:
county library service to rural schools 241
school and county library cooperation 242
Lathrop, F. H., blueberry maggot 86
Latimer, W. J.:
soil surveys—
Dukes and Nantucket counties, Mass 85
Hardin County, Tenn 468
Latin America:
employment for Americans 877
financial developments during 1929 96
foreign trade in 1929 923
Latin American series 738, 842
markets for—
cooking and heating appliances 95
dairy equipment and supplies 96
hosiery 1035
motor boats, marine engines, etc 386
soaps and soap ingredients 961
miles mean motors 386
new measure of our trade 14
revenues, expenditures, etc 194
same (in Portuguese) 260
same (in Spanish) 260
revenues, expenditures, etc., 1930 1071
review of situation, price trends, etc 608
travel routes and costs 225
workmen's compensation legislation 561, 724
see also American republics—Central America—South America—*also* certain headings beginning Pan American—*also* names of Latin American countries.
Latin American Section, Foreign and Domestic Commerce Bur 225
Latitude, variation of observations 93
Latonia, Miss., bridge 500, 616, 667
Latvia, treaties with U. S. (2 entries) 133
Laughlin, Elmyr A., patent appeal 15
Laundry and laundries:
home laundering methods and equipment 216
survey of laundries and women workers 190
winter damage 880, 1038
Laurel, Charles, *v.* United States 330, 554, 931
Laurels as stock poisoning plants 372
Lauritzen, John I.:
effects of temperature on sweetpotatoes 1026
storage of peppers 147, 217
Law, Albert, patent appeal 389
Law:
and legal literature of France, guide 991
as career 1048
cooperation in dealing with crime problem 974
legal education, 1926–28 241
observance value, factual monograph 253
problem of law enforcement 992
wire tapping in law enforcement 631
see also Actions at law—Commercial law—International law—Justice—Laws—Military law.
Law Library, Library of Congress 918, 991
activities and important accessions 918
Law Observance and Enforcement Commission, *see* National Commission on Law Observance and Enforcement.
Law of nations, *see* International law.
Lawler, John H., relief 614, 685
Lawrence, H. F.:
cerebrospinal fever cases 436
medulla, etc., compression by osteitis 256
undulant fever 1066
Lawrence, Harold P, alias, *see* Lewis, Harry P.
Lawrence, Mass., customs port of entry 196
Laws, Anna C., author notation in Library of Congress 341

Page

Laws:
circular, laws of 71st Cong. 2d sess. 267
Federal and State laws for sale, list 42, 972
Federal Trade Comn. statutes, etc. 416
private (slip)—
71st Cong. 2d sess. 18–23
71st Cong. 3d sess. 392, 614–615, 777–782
public (slip)—
71st Cong. 2d sess. 23–29
71st Cong. 3d sess. 392–393, 487–488, 615–619, 782–789
session laws—
71st Cong. 2d sess. 303, 392
see also Codes of law—Law—*also* for single laws, or compilations of laws, special subject involved, and names of certain countries, etc.
Laws, Committee on Revision of, House:
code of District of Columbia 101
report 643
Lawson, Edward B.:
electrical equipment for South Africa 225
fresh fruit industry of South Africa 386
sales territories in South Africa 225
Lawson Rubber & Manufacturing Co. 184
Lawsuits, *see* Actions at law.
Lawyers:
fees before Mixed Cls. Comn., etc. 853
fees for settlement of war claims—
fixing reasonable fees 71, 134, 843, 844, 1003
notice concerning fees 853
fees paid for Indians, to remove limit 616
Menominee Indians to employ attorneys 679, 785
recognition by Pensions Bureau 365
Veterans' Admin. positions, classification 1076
Lay, Owen T., Chicago snowstorm, Mar., 1930 10
Layman, Vida T., relief 21
Layton, M. H.:
soil surveys—
Buchanan County, Iowa 947
Crawford County, Kans. 947
Keith County, Nebr. 150
Lazear Medal of Honor for Distinguished Self-sacrifice for Humanity, *see* Jesse W. Lazear Medal of Honor for Distinguished Self-sacrifice for Humanity.
Lazell, E. W., dementia præcox 140
Lazo, Hector:
automobiles gain in Far East 607
miles mean motors in Latin America 386
selling automobiles in non contiguous territories of United States 607
Lazo, Manuel, hosiery, Latin American markets 1035
Lea, Clarence F. (Representative from Calif.):
reports made by—
Interstate and Foreign Commerce Com. 400, 635, 637, 641
Leach, Glen C., food fishes, 1930 606
Leach, John, alias, *see* Leich, John W.
Leach, L. D., eradicating buckthorn, methods 376
Leach, Mary W., *v.* comnr. of internal revenue 912
Leaching:
bornite, chemistry 609
covellite, chemistry 387
entry of solutions into ores, factors 961
slimes and other finely divided ores 388
Lead:
alloys, properties 302, 485
bars and pigs, stock catalogue 1008
in—
Arizona 226
California and Oregon 961
Central States 481
Colorado 226
Eastern States 298
Idaho and Washington 96, 961
South Dakota and Wyoming 878
Utah 1036
pigments and salts 961
production in 1928 14
production in 1929 773
rates on 904
value of 1928 mine production 298
Lead-pencils, rates on 816
Lead poisoning from chipping, U. S. S. Arizona 829

Page

Leaf blotch of pecan 471
Leaf hopper, beet, ecological studies 468
Leaflets:
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
see also names of Departments, bureaus, etc., issuing leaflets—*also* subjects.
Leake, James P., smallpox vaccination 364, 584
Leases:
post office, hearings on investigation 528
post office, report of Postmaster Gen. 262
see also Petroleum—*also* names of certain Indian tribes.
Leask, John P., patent appeal 299
Leather, hides, and skins:
customs appeal, leather 237
home tanning of leather and small skins 373
leather industry and trade—
international trade 297
marketing leather in China 225
of Austria 772
of Czechoslovakia 297
of Germany 772
of Japan 877
statistics of foreign trade 608
leather shoes, selection and care 1021
potential value lost by mishandling 5
preservation of bookbindings 284
proclamation, duty decrease on pigskin 735, 1006
production costs of pigskin 739, 1006
rabbit skins for fur 212
rates on—
hides and skins 979, 980
hides, pelts, and skins 178
pig skins, cancellation 979, 980
scrap leather 980
specifications, etc., for leather goods 747
sulphuric acid adsorption by leather 302, 485
standard stock catalogue, leather 360, 361
Leatherwood, Elmer O., memorial services 613
Leave of absence:
Coast Guard instructions 746, 848
disabled veterans, Executive order 69
educational employees of D. C. schools—
hearings 793
reports 37, 630
Federal Radio Commission rules 41
Labor Department regulations 253
Leavenworth, Kans., switching charges 118
Leavenworth & Topeka R. R., abandonment 898
Leaver, Edmund S.:
copper and zinc in cyanidation 772
Mother Lode slime tailings 298
Leavitt, Julian, bibliography of prosecution 1065
Leavitt, Scott (Representative from Mont.):
reports made by—
Conference Com. 620
Indian Affairs Com. 399, 499–500, 632–634, 794
Irrigation and Reclamation Com. 402
Lebanon Equity Exchange, relief 36, 397
Lechner, William, relief 647
Leck, Arthur J., census of manufactures, 1927 92
Le Clerc, J. A., germinated wheat helps flour 6
Lectures:
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
LeDuc, Frank O., United States *v.* 331
LeDuc, Roy, United States *v.* admr. 331
Lee, Alfred R.:
battery brooding of poultry 85
feeding chickens 1021
goose raising 149
guinea fowl 467
homing pigeons, care and training 1020
incubation and brooding of chickens 596
squab raising 760
turkey raising 283
Lee, F. W., resistivity of oil-bearing beds 298
Lee, H. H., relief 798
Lee, John C. H., Vicksburg, Miss., district, rp. 590
Lee, L. L.:
soil surveys—
Bergen area, N. J. 597
Camden area, N. J. 864

Page

Lee, Lasley:
surface water supply—
Ohio River basin 243, 892
St. Lawrence River basin 537
Lee, Robert Q., memorial services 487
Lee, W. D., soil survey of Burke County, N. C 468
Lee Clay Products Co., Inc., sewer-pipe 183, 321
Lee County, Ga., soil survey 284
Lee County, Iowa, bridge 500, 667, 783
Leech, L. Gordon, case of trustee 805, 985
Leeds, Morris, unemployment benefits 767
Legal aid bibliography 1065
Legal education 241
Legg, Carlton V., *v.* United States 306
Leghorn Road and Port, chart 62
Legislation, *see* Congress of United States—Laws—*also* subjects of bills and resolutions.
Legislative calendars, *see* House of Representatives—Senate—*also* names of committees.
Legislative establishment appropriations, *see* Appropriations.
Legislative Reference Service, Library of Congress:
ratification of Constitution, etc 512
vocational education in United States 797
Legislature of Hawaii, salaries, etc 25
Legislature of Porto Rico:
acts, etc., Feb. 10–Apr. 15, 1930 143
filling vacancies—
hearing 530
reports 530, 634
Legumes for green manure in cotton belt 868
Lehde & Schoenhut, relief 493
Lehigh & Hudson River Ry., excess income 539
Lehigh & New England R. R.:
equipment trust, series G 541
excess income 895
Lehigh Stone Co., stone 548
Lehigh Valley R. R.:
claim against Germany 1003
freight rates 710, 903
rates on—
coal 901
naphthalene 249
paper 116
valuation 819
Lehlbach, Frederick R. (Representative from N. J.):
reports made by—
Conference Com 31
Congressional Elections, Select Committee to Investigate 398
Leib, Karl E., home and family life 809
Leich, John W., relief 409, 614
Leighty, Clyde E.:
culture of winter wheat in eastern U. S 217
distribution of classes of wheat 765
mejora de algunos cereales 923
winter wheat adapted to eastern U. S 765
Leininger, Charles P., court case 331
Leland, Edmund F., court case 122
Leland, William H., court case 912
Lemhi National Forest, proclamation 264
Lemley, Margaret, relief 21
Lemon, J. M., market for fresh oysters 1034
Lemoyne, William M., court case 429
Leningrad, U. S. S. R., International Meteorological Committee 870
Lennox, Caleta, chart 259
Lenoir County, N. C., soil survey 212
Lenroot, Katharine F.:
Conferencia en la Casa Blanca sobre la Salud y Protección de la Infancia 923
Pan American Child Cong., rp. of delegates 738
Lens mountings, customs appeal 806
Lenz, George F., Coal Co., coal 544
Leo N. Levi Memorial Hospital Association 654, 692, 785
Leonard, Crosset & Riley, Inc., potatoes 1057
Leonards quadrangle, Calif 419
Leonhart, Max, Fed. Trade Comn. rp., etc 1045
Leper Home, *see* National Home for Lepers, Carville.
Lepidolite, rates on 904
Lepper, Henry A., tenderness of canned goods 866

Page

Leprosy:
blood sera of lepers, content 851
positive Wassermann, etc., reactions 936, 1085
Leptospira icterohemorrhagiae studies 584, 935
LeRoy, Charles, relief of estate 493
Les Cheneaux Islands, chart 142
Leser, Emily A. A., exrx., court case 322
Lesley, E. P., metal model propellers, tests 59
Leslie, Charles E., alias, *see* Dodge, John S.
Leslie, Frank E.:
extramural care of mentally sick 274
social status of mentally sick 852
Leslie, R. T.:
normal octane from petroleum 775, 965
toluene content of petroleum 775, 966
Lespedeza as forage crop 950
Le Sueur County, Minn., bridge 27
Lethargic encephalitis, *see* Encephalitis lethargica.
Letter-carriers:
pay increase in village delivery service 653
vehicle hire from village carriers 29
Letters, sealing for foreign countries 1071
Letts, F. Dickinson (Representative from Iowa):
report made by—
Indian Affairs Com 499
Lettuce:
growing 8
rates on 816
Leukel, R. W.:
controlling covered smut of barley 216
dust fungicides and grain flow in drill 8
Leveling, *see* Surveying.
Levering & Garrigues Co. *v.* U. S 53, 555, 887, 912, 985
Levi, Leo N., Memorial Hospital Association 654, 692, 785
Levin, William, *v.* United States 720
Levine, B. S., reading of Kahn results 203
Levine, M. N., black stem rust of cereals 88
Levy, Achille, case of executors 822
Levy, E., tumor of lung suggestive of gumma 853
Levy, Rachel, relief 21
Lewis, Elmer A.:
compilations of laws—
agriculture 966
civil service retirement, etc 100
Federal aid in road construction 101
Federal Power Commission 161
Federal reserve act 304
liquor 100, 101
pensions 101
public bldg. and condemnation laws 966
radio 488
refunding debts of foreign Govts., etc 232
Veterans' Bur. and war risk insurance 394, 966
Lewis, H. G., soil of St. Lawrence Co., N. Y 948
Lewis, H. J., Co.:
receiver *v.* Michigan Central R. R 319
strawberries 716
Lewis, Harry P., relief 526, 614
Lewis, J. N., relief 21
Lewis, Nolan D. C.:
mental reactions in brain tumor 974
research in psychiatry 974
Lewis, Walter H., *v.* comnr. of internal revenue 331
Lewis, William B., David W. Phillips *v.* exr 331, 912, 930, 985
Lewis and Clark National Forest 375
Lewis Feed & Egg Association 715
Lewis, Fort:
bank upon reservation 23
construction 33, 621, 785
Lewis River, navigation, etc., rp 940
Lewton, Frederick L., servant in the house, history of sewing machine 354
Lexington Board of Commerce, bricks 978
Li Ying-ting, claim 498
Liaison Committee on Aeronautic Radio Research 91
Liberia:
climate 219
salary of U. S. minister, to fix 616
sanitation and yellow fever control 1085
slavery and forced labor, report 575
Liberty Bank and Trust Co 912
Liberty bonds, *see* Bonds of United States.

Page
Liberty Cooperage & Lumber Co. 545, 546
Liberty Glass Co. 543
Liberty National Co. 1060
Liberty Weekly, Inc. 425
Libraries:
as bibliothecas circulantes nas escolas ruraes em New Jersey 128
same (in Spanish) 194
Biblioteca Conmemorativa de Colón 923
county library service to rural schools 241
libros y bibliotecas en México 567
neuropsychiatric hospital activities 585
Public Library, D. C., branch in Georgetown 629
Public Library, D. C., report, 1930 414
school and county cooperation 242
serie sobre bibliotecas y bibliografía 567, 923
statistics, public, etc., libraries, 1929 1048
see also names of Departments, etc.
Library Committee, House:
hearing 504
reports 32, 504, 644
Library Committee, Senate:
reports 38, 524, 682, 801
Library Division, Education Office 312, 1048
Library Joint Committee:
estimate for Botanic Garden 659
Library of Congress 58, 124, 190, 254, 341, 433, 561, 725, 827, 917, 990, 1063
author notation 341
books for adult blind—
catalogue of braille publications 59
estimate 827
laws 783, 789
report 655
Chinese and other Asiatic books added 561
estimates 380, 567, 827
festival of chamber music, Apr. 23–25, 1931 918
incunabula, act authorizing purchase 26
incunabula exhibit list 433
maps, accessions for fiscal year, 1928 59
reading room, instructions, etc 990
reading room, location of classes 917
report, 1930 433
subject headings, additions, etc 58, 341, 561, 1063
subject headings, supplement 990
Library of Congress Trust Fund Board 254
Libreville Anchorage, chart 192
Lice, *see* Biting lice—Hog-lice.
Licenses, radio operators', regulations 775
Licensure to Practice the Healing Art in District of Columbia, Commission on, *see* Commission on Licensure to Practice the Healing Art in District of Columbia.
Licking River, bridge in Ohio 638
Liederman, Earle E., Fed. Trade Comn. rp., etc 1046
Life:
ancient forms in rocks of western U. S 839
mystery of life 354
Life insurance:
legal reserve on policies in D. C.—
hearings 793
report 629
rejection, effect on mortality rates 584, 935
statement, Government fund (converted) 76
Life-saving service, *see* Coast Guard.
Life-saving stations, *see* Coast Guard stations.
Lift (aircraft):
distribution over span 125, 1064
Light:
loss due to smoke in New York City 138
summary (in public health reports) 139
publications for sale 891
reactions of honeybee 861, 948
sensitivity of rosin 964
tuberculosis of lymph glands treatment 751
Waidner-Burgess standard (2 entries) 1038
what is light? 354
Light Grain & Milling Co., wheat 716
Lighter-than-air craft, *see* Airships.
Lighterage:
regulating ligher service 668
Lighthouse reservations, *see* names of reservations, or places where located.
Lighthouse service, *see* Lighthouses Bureau.
Lighthouse tender Cherry, specifications 297

Page
Lighthouses Bureau 14, 96, 157, 226, 297, 386, 481, 608, 772, 877, 961, 1035
3d district 877
13th district 878
14th district 226
15th district 481
1st–2d districts 877
1st–9th districts 608
4th–5th districts 877
6th–7th districts 877
7th–8th districts 877
10th–12th districts 961
16th–17th districts 878
16th–19th districts 608
17th–18th districts 878
hospital facilities for officers, etc 26
lighthouse service bulletin 14, 96, 157, 226, 297, 386, 481, 608, 772, 878, 961, 1035
index to v. 3 226
posters 14
property, acquisition and disposition 26
report, 1930 297
Lighting:
studies in illumination, New York City 138
Lightning:
in south Pacific Ocean 291
protection of buildings and farms 219
Lights, aeronautical, regulations 91
see also Lighting—*also* Lighthouses Bureau, and names of places where lights are located.
Lignin liquor, rates on 816
Like, Ottis, ringworm infection of feet 1086
Lill, J. G., sugar-beet culture in humid area 289
Lillie, Ralph D.:
pathology of vaccinia in rabbits 584
psittacosis, rickettsia-like inclusions 139
Lilly, A. A., bridge 635, 666
Lima, Peru:
el VI Congreso Panamericano del Niño 347
report of delegates (in English) 738
report of delegates (in Spanish) 738
Lima-bean scab caused by Elsinoe 595, 764
Lime:
Federal standard stock catalogue—
lime 847, 848
quicklime 453
production in 1929 481
rates on 49, 179, 904, 980
soils, principles of liming 761
Limestone, rates on 49, 904, 980, 1056
Limitation of armament, *see* Disarmament.
Limnell, John I., hammock for continuous baths 585
Lincoln, Abraham:
address of President Hoover, Feb. 12, 1931 733
address of President Hoover, June 17, 1931 1074
Lincoln, Edward A.:
agrupación de los alumnos según su habilidad 923
same (in Portuguese) 996
Lincoln, Nebr., First Trust Co., exr., *v.* U. S. 723
Lincoln County, Tenn., old stone bridge 23
Lincoln Institute for Vocational Education 54, 306
Lincoln Park, comnrs. to erect breakwater, etc. 655, 668, 785
Lind, J. E., treatment of paresis with malaria 108
Lindell, O. N., Chicago & Northwestern Ry. *vs* 358
Lindley, Thomas L., relief 779
Lindsay, James J., relief 526
Lindsly, Ben E., effect of vacuum on oil wells 97
Line-squalls 126
Linebarger, Henry D., relief 506
Lines, shot, Fed. standard stock catalogue 452
Ling Mau Mau, claim 574
Lingering dryad 355
Lininger, F. F., marketing apples 862
Linke, J. A., agricultural evening schools 163
Linoleum, standard stock catalogue 933
Linotype machine, Pershing, in G. P. O 311
Linseed-oil, rates on 249, 816
Linskey quadrangle, Ariz 166
Linters, *see* Cotton.
Linum neomexicanum 371, 471
Lion Knitting Mills Co 844
Lipiodol, use of 366
Lippman's Inc. *v.* D. B. Heiner 985

Page

Liquids:
atomization of liquids 775, 964
safety rules, navy yards 730
viscous flow and surface films 485, 613
Liquors:
laws, compilation 100, 101
permits for manufacture, etc 934
smuggling from Chile 448
smuggling from Poland 267
statistics, Dec. 1930 748
under seal, transportation through C. Z 640
see also Prohibition.
Lisena, Michael, *v.* United States 720
Lissner, H., Co., Inc., *v.* United States 39, 912
Lister, John H., cooperative livestock concentration point 466
Lister, Joseph J., Polystomella crispa 354
Liston Range Rear lighthouse reservation 668
Litchfield & Madison Ry., excess income 812
Literature:
ancient, medieval, and modern 700
del Uruguay en el año de su centenario 567
see also Children's literature—Scientific literature.
Lithium, heat contents in aqueous solutions 964
Lithopone, rates on 712, 1056
Litowich, B., & Co., cotton 709
Litowich Brothers, Inc., cotton-waste 544
Littell, Frank B., latitude observations 93
Little, Delbert M., Pacific Coast States 90
Little America, green flash observed 1027
Little Bay, bridge near Fox Point, N. H 501, 517, 785
Little Calumet River, bridges in Illinois 26, 501, 617, 636, 668, 785
Little Detroit, Ontario, chart 142
Little Fish Bay, chart 191
Little Kanawha River, navigation, etc., rp 940
Little River, bridge in Arkansas 26
Little Rock, Ark.:
Chamber of Commerce—
fertilizers 979
lease portions of air depot 647, 785
Little Rock College, relief 664
Little Sodus Bay, chart 591
Little Truckee River, reservoir construction 681
Littwitz, Max, Inc., lace 162
Live Oak naval reserve, title to lands 618, 692
Live Poultry Transit Co., John R. Gott *v* 329
Live stock, *see* Cattle.
Live to dead transition, nature of viruses 355
Livengood, Charles A., Spain 480
Liver:
bovine, carotenosis 4
feeding in osteitis fibrosa cystica 585
Minot's extract, blacktongue preventive 456, 850
Liverpool, England, chart 1068
Livestock, *see* Cattle.
Livestock, Meats, and Wool Division 946
Livezey, F. M., comnr. of internal revenue *v* 332
Living expenses, *see* Cost of living.
Livingston County Mutual Telephone Co 46
Livorno, Porto di, *see* Leghorn Road and Port.
Lixus, new species of genus 356
Lizards:
South American, in National Museum 356
Teiid, of genus Cnemidophorus 928
Lloyd, D. B., changes in glass by heating 160, 302
Lloyd, J. R., fire-weather service in Lake States 870, 871
Lloyd, Katie, relief 20
Lloyd-Smith, Wilton, receiver, *v.* U. S 308
Load-lines:
international load line convention 448, 842
regulations for merchant vessels 158
Loading, *see* Unlading and lading.
Loan Committee, National Advisory, *see* National Advisory Loan Committee.
Loans:
in District of Columbia, $300 or less—
hearings 673
minority views 629
reports 496, 674
to laid-off employees 767
see also Agricultural credit—Bonds of United States, and names of United States securities, e. g. Certificates of indebtedness—Mortgages—Public debts.

Page

Loans and Currency Division 75, 138, 202, 272, 363, 455, 583, 749, 850, 935, 1009, 1084
Lobbying:
activities in Washington, D. C.—
hearings 38
hearings, index 523
Lobito Bay, chart 191
Loblolly pine, *see* Pine.
Lobotidae collected by steamer Albatross 1002
Lobsters, publications for sale 534
Local anesthesia, *see* Anesthesia.
Lock, Sidney J., relief 21, 38
Locke, Frances L., occupational therapy 366
Lockhart, Milton, relief 779, 802
Lockhart quadrangle, Tex 701
Lockouts, *see* Strikes and lockouts.
Locks and accessories for ship doors 231
Lockwood, Charles L., freight rates 319
Locomotive Inspection Bureau 322, 426
annual report, 1930 426
report on accident at Philadelphia 426
salaries of inspectors 26
Locomotives:
accident to Reading Co. locomotive 426
fuel for locomotives 44, 109, 168, 245, 316, 422, 538, 702, 811, 895, 975, 1050
inspection, interpretations, etc., of laws 322
with cab signals, Pennsylvania R. R 818
Locust, black, utilization 215
Lodewick, J. Elton, longleaf pine 209, 215
Lodgepole pine, *see* Pine.
Loeffler, C. A., Hawley-Smoot tariff bill, 1930 35
Loewy, I. D., malta fever 76
Loftfield, Gabriel E., secondary educ., Norway 313
Logan, Edith A., comnr. of internal revenue *v* 332, 357, 912, 1005
Logan, John, *vs.* United States 696, 909
Logan blackberry culture 288, 1025
Logan circle, D. C., new name for Iowa circle 393
Logan Hardware & Supply Co., freight rates 979
Logan-Long Co., slate 183
Logging practices in southern pine region 286
Logistics, Army extension courses 458, 1012, 1088
Logs:
for various purposes, publications 869
in farm construction 869
prices, calendar year 1928 763
rates on 115, 249, 712, 816, 904
Lomax Rug Mills, Fed. Trade Comn. rp., etc 807
Lombard, Ellen C.:
adolescence problems for parents 892
adult education, 1928–30 1047
parent education 241
the whole child 972
London, England:
conferences—
International Convention for Safety of Life at Sea 10
World's Poultry Congress 4
survey of life and labor 254
London Naval Conference, *see* Disarmament.
London Naval Treaty, *see* Disarmament.
Lone Star Gas Co., pipe couplings 182
Long, Christopher S., retirement 21
Long, David T., *v.* comnr. of internal revenue 722
Long, Frank, *v.* United States 332
Long, Frank L., brachial plexus injury 203
Long, John D., antiplague campaign 364
Long, M. A., Co., *v.* United States 332
Long, Mary R., relief 21
Long, Mattie, to pay 792
Long, S. A., bequest to Government 676, 782, 792
Long, Samuel J., to pay sister 792
Long and short haul, *see* Freight rates.
Long Beach Chamber of Commerce, plaster 714
Long Beach Harbor:
chart 478
port of Long Beach 1089
Long Island, chart 295
Long Island Railroad:
abandonment 541
equipment trust, series J 247
rates on—
fertilizers 177
lumber 320
train-stop device 119
Long Island Sound:
charts 875, 1032, 1033
radio stations 1096

Page
Longitude:
determinations, by Coast and Geod. Survey 604
determinations, new equipment 93
Longleaf pine, *see* Pine.
Longley, A. E., chromosome behavior, etc., in potato 465, 600
Longshoremen:
compensation act, opinions approved 103
labor conditions in U. S. 254, 341, 432
safety codes, stevedoring operations 163
Longworth, Nicholas, Exec. order in memory of 926
Looe Harbor, chart 258
Looney, Joseph C., relief 779, 802
Loose-Wiles Biscuit Co.:
bakery goods 706
boxes 814
figs 1055
peanuts 49
Lord, Robert W., patent appeal 610
Lord & Spencer, Inc., cucumbers 709
Lorden, Michael H., relief 34
Los Angeles, Calif.:
airway maps 92, 872
census, 1930, wholesale trade 768
Chamber of Commerce—
freight rates 114
passport bureau, establishing 631
rivers and harbors in district, rp 588
streets, portion of Fort MacArthur 685, 785
water supply, withdrawal of lands—
Executive orders 68, 131, 351, 444, 571
hearings 967
law 785
reports 509, 692
see also Los Angeles Harbor.
Los Angeles, U. S. airship.
flight tests 59
full-scale turning characteristics 59
speed and deceleration trials 59
Los Angeles & Salt Lake R. R.:
construction 976
rates on—
eggs 319
plaster 714
Los Angeles First National Trust & Savings Bank 338, 430, 722
Los Angeles Harbor:
chart 478
port of Los Angeles 1089
Los Angeles Soap Co., soap 118
Lothrop, Marcus T., patent appeal 1036
Lotteries in Canal Zone, suppression 639
Loucks, K. W., Phytomonas citri studies 147, 148
Louden, F. A.:
pressure of air on coming to rest 59
wind-tunnel data on wing sections 59
Louden Machinery Co. *v.* United States 532, 986
Loudon Packing Co., tomatoes 322
Loughborough Inlet, chart 994
Loughlin, G. F., metals and nonmetals, 1930 892
Louisiana:
Board of Education—
Emmett Cochran *vs* 359
bridges, *see* Atchafalaya River—Black River—Boeuf River—Chitto, Bogue—Ouachita River—Red River—Sabine River.
census, 1930—
agriculture 1030
population 293, 956
Federal aid highway system progress map 9
Fifth Levee District—
Thomas L. Wolfe, etc., *v* 916, 989
intrastate freight rates 114
lands—
in former naval reserve, title 618, 692
sale, etc., to repeal act 803
withdrawn for classification 444
map 536
postal service—
mail routes, schedules 67, 195, 350, 569, 836, 999
post route map 733
sugarcane, bacterial stripe disease 147, 148
sugarcane, variety tests 868
supervisor of public accounts—
Ohio Oil Co. *vs* 359
vs. Mississippi 844, 930
Louisiana & Arkansas Ry.:
accident at Angola, La 45
securities 541
v. United States 109
Louisiana & North West R. R., rates on pipe 1057
Louisiana & Pacific Ry., excess income 168
Louisiana, Arkansas & Texas Ry., operation 111, 977
Louisiana avenue, District of Columbia 620, 790
Louisiana Farm Bureau Federation, Inc 112
Louisiana Oil Refining Corporation 714, 980
Louisiana Purchase, climatic conditions 290
Louisiana Railway & Navigation Co 112
Louisiana Southern Ry 1053
Louisiana State Museum, loan of silver 26
Louisville, Ky.:
Association of Governmental Officials in Industry of U. S. and Canada 432
rivers and harbors in district, rp 588
Louisville, Nebr., switching charges 50
Louisville & Nashville R. R.:
abandonment 977
bonds 247
bridge 503, 519, 788
misrouting 49, 547
rates 177, 903
rates on—
bricks 900
bridge builders' outfit 174
calves 707
coal 709, 901
contractors' outfits 902
cotton-seed oil 544
excavating machinery 903
gasoline 178
grain 711
lard substitutes 816
logs 816
lumber 116, 179, 545, 712, 1056
machinery 905
manures 1056
molds 905
phosphates 817
pipe 906
potatoes 117
roofing 715
rosin size 49
strawberries 549
reconsignment 906
v. United States, etc 539
Louisville Cooperage Co 555
Louisville Times Co 415
Louisville Water Co 818
Lounsbury, Clarence, soil, St. Lawrence Co., N. Y 948
Loupinas, Agnes, relief 664, 779
Love, J., case of anhematopoiesis 436
Love, L. Dudley, size of quadrat and effects of grazing 209, 281
Lovering, T. S., Granby anticline, Colo 810
Lovett, William K., relief 493
Lowe, John Z., relief 493
Lowe Paper Co., coal 248
Lowell & Southern R. R., stock 247
Lowell Creek, flood-control works 407
Lowell Oakland Co., relief 21
Lower Saucon Telephone Co., acquisition 46
Luash Bay, chart 191
Lubricants:
contracts for lubricating oils 193, 1070
rates on lubricating grease 115
rates on lubricating oils 712
specifications, etc 747
stock catalogue 1081
tests of lubricating oils 992
Lucas, Clarence R., fish-farming industries 1034
Lucas, Mabelle B., *v.* United States 825
Lucas County, Ohio, bridge 668
Luccioni, Florindo, *v.* United States 332
Luce, Edward J., *v.* comnr. of internal revenue 332
Luce, Robert (Representative from Mass.):
reports made by—
Conference Com 620, 791
Library Com 32, 504, 644
World War Veterans' Legislation Com 658
Lucius & Bruning, *see* Farbwerke.
Lucker, Laurence H., *v.* U. S 306, 412, 429, 720
Ludlow, Louis L. (Representative from Ind.):
contested election case—
arguments and hearings 497
report of committee 398

Page

Lüderitz Bay, chart 1067
Luggage, rates on 712
Luisi, Luisa, la literatura del Uruguay 567
Lukesh, G. R., Portland, Oreg., district, rp 589
Lumber:
blocking and staking lumber 249
dimension stock from northern hardwoods 949
explanation of American standards 866
handling in South Africa 608
publications on—
lumber, For. and Dom. Commerce Bur 1035
lumber industries, for sale 808
rates on lumber 49, 115, 116, 179, 249, 320, 424, 545, 546, 712, 904, 905, 980, 1056
routing via Mobile & Ohio R. R 981
specifications, etc 849
you can make it, uses for odd lumber 11
see also Logs.
Lumber Division, Foreign and Domestic Commerce Bur.:
American pitch pine and its uses 960
el pino Douglas Americano 225
export services 1035
handling lumber imports in S. Africa 608
Lumber River, bridge in North Carolina 26
Lumsden, L. L.:
cooperative rural health work, 1930 273, 749
rural health service, 1926–30 139
Lunar, *see* Moon.
Lund, Charles H., fee for attorney of admx 134
Lundell, G. E. F.:
determination of carbon in steels 230, 390
magnesium ammonium phosphate 99, 231
particle size in sampling 230, 391
Lundquist, Eugene E., pressure, PW-9 airplane 991
Lundstrom, August R., relief 685
Lungs:
carcinoma, primary 274, 751
carcinoma, with carcinoma of pancreas 937
distension during submarine escape 1066
miliary lung disease, unknown cause 456, 850
syphilis of lung with atelectasis 1011
correction of entry 1018
tumor suggestive of gumma 853
X ray displace physical examination? 585
Luse, H. D., varicose veins 203
Lush, Jay L., dairy cattle measurements 3, 83
Lutecium, regularities in spectra 17, 99
Lutianidae:
collected by steamer Albatross 1002
of Gulf of Mexico 295
Lutz, H. J., effect of grazing on forest vegetation 209, 281
Lutz Company, Inc., *v.* United States 695, 822
Luuk Bay, chart 770
Luuk Sula Bay, chart 770
Luxemburg:
arbitration treaty with U. S 198
conciliation treaty with U. S 198
iron and steel industry 386
Luxenberg, Henry, *v.* United States 720
Luzon:
coast pilot, supplement 769
land shells from island 356
Lye, standard stock catalogue 136
Lyle, Robert N., U. S. *v.* guardian, etc 1060
Lyle, Tom, Grocery Co., freight rates 545
Lymph glands:
experimental syphilis infection 273
tuberculosis of, light treatment 751
Lynch, Joseph B., relief 507
Lynchburg Chamber of Commerce, tomatoes 908
Lynching, documents and debates rel. to 809
Lynn, Elizabeth, relief 779, 791
Lynott, Mabel L., alfalfa, vitamin A source 861, 945
Lyon, L. E., Montgomery, Ala., district, rp 588
Lyon, W. C., dome of Natural History Bldg 612, 776
Lyon County, Iowa, soil survey 947
Lyons, Clinton G., gastro-jejuno-colic fistula 366
Lyons, Eugene S., soil, Clay County, Kans 597
Lyons, Julia, nursing of brain tumor patients 203
Lytle, Harold L., to reimburse family 21
Lyttleton, Fort, lands, cloud on title 26

M Page

M. A. H., *see* Hickey, Mary A.
M. & K. Manufacturing Co 970
Maas, Melvin J. (Representative from Minn.):
report made by—
Foreign Affairs Com 632
Maas & Waldstein Co. *v.* United States 252, 822, 1079
Maas River, *see* Meuse River.
Mabel Brady Garvan collection of prints 561
McAlaney, F. E., heart block 1066
McAlpin, Ralph, relief 507
McArdle, Richard E., Douglas fir yield 286
Macaroni, rates on 712
MacArthur, Fort, portion to Los Angeles 685, 785
McAtee, W. L.:
eleven important wild-duck foods 760
gourds for bird houses, etc 85
homes for birds 467
local bird refuges 760
propagation of upland game birds 211
McBarnes, James J., relief 647
McBoyle, William W., *v.* United States 555, 823, 844
McCabe, Martha R., current educ. pubs 241, 312, 809, 1048
McCabe, Richard G., petroleum refineries, 1930 225
McCahan, W. J., Sugar Refining and Molasses Co., *v.* Augustus P. Norton 555
MacCallum collection of trematode worms 841
McCann, James, to pay certain moneys 21
McCann, Richard H., ancillary admr., *v.* U. S. 552, 887
McCants, J. M.:
classification of bacteria 829
gonococcus infection of heart 61
water analysis (2 entries) 1066
McCarthy, Joseph A., relief 397
McCarthy, Margaret M., court case 353
McCarthy, Thomas O'C., court case 306, 823, 887
McCartney, J. L., lowered basal matabolism 436
McCaskey, Rosalee, *v.* United States 1060
McCauley, Claud, *v.* comnr. of internal rev 332
McCauley, Ora, *v.* comnr. of internal rev 332
McCausey, Joseph W., *v.* comnr. of internal rev 122
MacClatchie, L. K., submarine lung training 1066
McCleary, Oliver S., relief 21, 664
McClellan, J. H., exercise in tuberculosis 852
McClintock, C. B. (Representative from Ohio):
report made by—
District of Columbia Com 31
McClintock, J. A., ginseng diseases and control 8
McClure, F. J.:
calcium retention of growing pigs 861, 945
potassium iodide influence on pig 3, 83
McClymont Marble Co., marble 1056
McCoach, D., jr., Detroit, Mich., district, rp 587
McCole, P. A., dental and oral disease 61
MacColl, James R., exr., *v.* United States 122
McCollum, E. V., nutritive value of fish meals 770
McCollum-Peters telemeter, *see* Telemeter.
McComas, E. W.:
beef on farm, slaughtering, cutting, curing 759
beef production on farm 946
McConathy, Osbourne, music education 809
McCone County, Mont., bridge 27
McConville Coal Co., switching 908
McCormack, Ivan H., relief 404
McCormick, Cyrus, loans to laid-off employees 767
McCormick, David, relief 21
McCormick, Mary L., relief 20
McCormick, Nettie F., case of executors 332, 558, 720
McCoy, George W.:
antirabic vaccine paralysis 139, 272
bacillus psittacosis Nocard 202, 583
neoar sphemanine 75, 364
McCoy, Washington C., in classified service 926
McCrae, J. V.:
overreduced condition in molten steel 302, 486
tensile properties of steel castings 99, 231
McCreanor, Margaret, land patent 692
McDannell, J. Casey, relief 779, 798
McDermott, John T., *v.* United States 805
McDill, John R.:
glucose solutions, intravenous use 937
medical, etc., facts of economic value 274
MacDonald, A. D., orthophenylphenol 1021

Page
McDonald, Bilton, case of exrs 1061
McDonald, Bruce, court case 1061
McDonald, Emma:
crystalline difructose anhydrides 880, 881, 1038
disaccharides in hydrolyzed inulin 302, 484
McDonald, George W., relief 647
MacDonald, Harriett M., compensation 511
McDonald, John C., patent appeals 389
MacDonald, N. S., recurrent pneumothorax 1011
McDonnell, C. C., pyrethrum, insecticidal value 87
McDonnell & Truda v. United States 412, 912
McDonough, James B., comnr. of internal rev. v 332
MacDougald Construction Co., slag 548
McDougall, T. C., bladder diverticula 852
McDowell, Charles, wood-pulp 716
McDowell, J. C.:
cow tester's handbook 213
dairy and poultry statistics 84
proved dairy sires 468
McElroy, G. E., ventilation of copper mines 387
McElvogue, Hugh, v. United States 54
McEvoy, Joseph A., relief 21
McEwen, George F., meteorology, etc 766
McFadden, Louis T. (Representative from Pa.):
report made by—
Banking and Currency Com 792
MacFadden Publications, Inc., court case 164
McFall, Robert J.:
census, 1930—
hotels, District of Columbia 476
retail trade, California 954
retail trade, Chicago 475
retail trade, Cleveland 873
retail trade, Washington, D. C 873
retail trade, Washington State 604
wholesale trade, Baltimore 873
wholesale trade, Chicago 954
wholesale trade, Cincinnati 768
wholesale trade, Los Angeles 768
wholesale trade, Milwaukee 874
wholesale trade, San Francisco 769
McFarland, W. N.:
magnetic observations—
Sitka, Alaska 294
Tucson, Ariz 604
Vieques, P. R 604
McFarland quadrangle, Calif 167
MacFate, Eva, reinstatement 444
McGill, George (Senator from Kans.):
report made by—
Naval Affairs Com 527
McGill, Nettie P., working children, Newark, etc 559
McGillis, Edmond O., relief 409, 614
MacGillis & Gibbs Co., fence-posts 1055
McGinnis, Casey H., relief 651
McGlashan, H. D.:
surface water supply—
Great Basin 107, 243
Pacific slope basins in Calif 43, 107
San Joaquin River basin 107
McGowan, Lewis A., attorney, fees 134, 844
McGrath, Marie E., relief 494
McGrath Sand & Gravel Co., sand 118
McGregor, E. A.:
fig insects in California 948
red spider on cotton, how to control it 1022
McGregor, Iowa, bridge 501, 617
McHenry, Fort, tide calendar 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
Machias River, navigation, flood control, etc 854
Machine shops, wages and hours, 1929 340
Machinery:
customs appeals 806
declaring for export, shippers' guide 480
exporting machinery on credit 772
industrial machinery in 1930 608
instructions for laying up, etc 1065
markets abroad, developing 13
markets in—
British Malaya 480
British South Africa 96
Siam 480
rates on 180, 905
safety rules, navy yards and stations 127
see also Farm implements and machinery—
also special kinds of machinery, e. g. Sawmill machinery.

Page
Machines, *see* Machinery—*also* special types of machines.
Machinists, Navy training courses 343, 992, 993
McIlwraith McEacharn's Line, Proprietary, Ltd., relief 515, 779
McIndoo, N. E., Coleoptera, tropisms, etc 928
McInerney, Joseph G., relief 652
Macintosh, Douglas C., cases 332, 576, 912, 1063, 1079
McIntosh, Pearl, appointment 444
McInturff, Mildred B., appointment 571
McIntyre, Chancy L., relief 614, 685
Mack, Clifford W., mental factors in tuberculosis 751
McKay, Frederick S., mottled enamel 364, 365, 851
Mackay Radio & Telegraph Co 103
McKee, H. L., bridge 28
McKee, Harry H., v. John F. Barghausen 1020
McKee, Roland:
crotalaria, new legume for the South 600
monantha vetch 471
winter legumes for green manure 868
McKee Refrigerator Co., patent appeal 1036
McKeehen, J. E., soil of Claiborne Co., Miss 760
McKeever, Lucille, fruit, etc., statistics 4
McKellar, Kenneth (Senator from Tenn.):
papers presented by—
ocean mail contracts 1040
truth about postal contracts 35
reports made by—
Library Com 682
Post Offices and Post Roads Com 410, 528
McKenney, H. P., & Co. v. United States 555, 968
McKenzie River, water-power resources 810
Mackinac Island, chart 142
Mackinac, Straits of, chart of approaches 142
McLaughlin, Allan J.:
public health administration 75
public health survey of Iowa 75, 364
public health survey of Oklahoma 851, 1085
MacLean, John G., admr., court case 1004
McLean Telephone Co., acquisition 705
McLennan, Ethel M., court case 40, 105, 720, 913, 1005
McLeod, Clarence J. (Representative from Mich.):
reports made by—
District of Columbia Com 31, 496, 628
Patents Com 33
McLeod, George B., relief 626, 779, 798
McLoud quadrangle, Okla 701
McMahon, John, relief 647
McManus, Rosamond B., relief 494
McMaster, William H. (Senator from S. Dak.):
reports made by—
Claims Com 514, 662–665, 798
Military Affairs Com 525, 684
McMiller, P. R., soil of Wadena Co., Minn 761
McMillin, H. C.:
Pacific razor clam, growth and mortality 607
seed-oyster study 295
McMullen, Nellie C., relief 515, 626
McMullin, J. J. A., tuberculosis of cæcum 829
McMurray Telephone Co , acquisition 318
McNair, A. D., winter legumes for green manure 868
MacNair, Mary W., American doctoral dissertations, 1929 827
McNamee, Paul D.:
dilution waters in oxygen demand tests 1010
oxygen disappearance rate in sludge 1010
McNary, Charles L. (Senator from Oreg.):
paper presented by—
Mount Hood National Forest 3
reports made by—
Agriculture and Forestry Com 35–36, 405, 512, 659–660
Appropriations Com 513
Commerce Com 673
Conference Com 393, 621
Public Lands and Surveys Com 692
McNary, J. V., New England floods, etc 107
McNeal-Edwards Co., Young, Frank L., Co. *vs* 1005
McNeill-Allman Construction Co., Inc 643
McNicholas, H. J., fiber diameters 881, 1038
McNulty, J. B.:
manufacture and feeding value of silage 213
silage for dairy cattle 213

Page

Macomb, Fort:
lands for Motor League of La.—
hearings 506
law 615
reports 505, 525
statement 506
Macon, Dublin & Savannah R. R. 657, 664, 779
McPhee, Hugh C., growth in guinea pigs 596
McPherson, George W., relief 779, 791
McPhillips Manufacturing Co., blinds 174
Macrocentrus gifuensis 762
McSwain, John J. (Representative from S. C.):
reports made by—
Military Affairs Com. 505–506, 645–650
McWhirt, W. E., herpes zoster 1086
McWilliams, William S., relief 685, 780
Madden Dam:
geologic study 537, 892
increase limit of cost, estimate 451
specifications, etc. 1071
Maddux Air Lines, Inc., relief 21
Madeira Linen Importing Co., towels 1044
Madera Yosemite Big Tree Auto Co. 332, 968
Madge, Norman G., patent appeal 610
Madison, Ark., bridge 641, 788
Magazines, *see* Periodicals.
Magee, E. F., Lumber Co., reconsignment 715
Magee, John, relief 21
Magee, Percival E., *v.* United States 122, 429
Magee Brothers, Ltd., relief 396
Maggots, *see* Larvae.
Magic City Kennel Club, Inc. 1004
Magma Copper Co. 358
Magnavox Co., amplifiers 814
Magnesium:
and its compounds in 1929 298
determination in Portland cement, etc. 485, 775
Magnesium ammonium phosphate 99, 231
Magnetic observations, *see* Terrestrial magnetism—*also* names of magnetic observatories.
Magnetism:
permeameters for high magnetizing forces 775, 965
see also Terrestrial magnetism.
Magruder, C. L., Rocky Mountain spotted fever 585
Maguire, Leo M., potassium sulphocyanate in hypertension 274
Mahogany, rates on 546
Mahoney, David J., advance on retired list 507
Mahoney, J. F., Kahn test in rabbit syphilis 76, 203
Mahoney, Jeremiah F., relief 409, 614
Mahoning County, Ohio, bridge 26, 636
Mahoning River:
bridges in—
Ohio 26, 501, 617, 636, 668
Pennsylvania 501, 636, 668, 785
dam 400
Mahukona Harbor, chart 605
Maier, C. G., zinc smelting 158
Maier, Henry, velvet 238
Maika, John, relief 780, 791
Mail, G. Allen, soil temperatures 209, 210, 466
Mail-carriers, *see* Letter-carriers.
Mail contracts:
star routes 348, 349
steamboat or other power-boat routes 349
see also International postal service.
Mail delivery:
Christmas mail to foreign countries, etc. 347
rural delivery county maps, price list 837
see also Letter-carriers—*also* names of States, cities, etc.
Mail door slots, office buildings 261, 568
Mail matter:
additional receipts to senders—
committee report 404
law 487
postal regulations 924
addressing and preparing 2d-class matter 441, 568
bid of Mississippi Shipping Co. 30
circulation of 2d-class publications 924
cost ascertainment, instruction letters 924, 997
cost ascertainment, report, 1930 349
directory service charge 404
metered—
acceptance of 1st and 3d class matter 66
omni-denomination printing device 129
statement of mailing 1071

Page

Mail matter—Continued
postage receipts on permit matter 261
special delivery and handling of mail 689, 785
undeliverable—
notice regarding 2d-class mail 129
pledge to pay return, etc., postage 349, 441, 1072
reducing volume, efficient methods 998
see also Air Mail—Christmas mail—Collection-delivery mail—Insured mail—International postal service—Parcel post—Postal service—Railway Mail Service—Registered mail.
Mail routes, *see* Airways—Railway Mail Service.
Mailing lists:
consular, June 1, 1931 1078
correction, postal instructions 349
Mails, *see* International postal service—Mail matter—Postal service.
Maine:
census, 1930—
agriculture 604, 768
population 155, 873, 956
unemployment 873
charts 478, 1033
Federal aid highway system progress map 601
mail routes, schedule 130
post route map 733
relief 617, 664
Maine Central R. R.:
freight rates 114
rates on wood flour 549
valuation 250
Majerus Co., sand 118
Majestic Coal Mining Co., coal 113
Malaria:
anaphylactic shock accompanying malaria 1066
conditions in U. S., investigation, etc. 407
general paralysis, malarial inoculation 585
in railroad camp, Rawson Switch, Calif. 851, 1085
neurosyphilis, malaria treatment 585
paresis, malarial treatment 108, 140
undulant fever and malarial infection 274
Malarial hemoglobinuria, blood transfusion 76
Malay Archipelago:
charts of Eastern Archipelago 728
East Indies pilot, supplement 831
electrical equipment market in Netherland East Indies 225
lights, etc., on coasts of East Indies 920
Malay Peninsula, *see* British Malaya.
Malcolm, Harry, patent appeal 1037
Malcolm, Robert K., United States *vs.* 268, 555
Malhame & Co., books 805
Malheur National Forest, purposes, etc. 599
Malignancy, *see* Tumors.
Malingering in psychotic patients 585
Malinow, Louis, *v.* United States 188
Malinow, Samuel, *v.* United States 188
Malipano Anchorage, chart 769
Malloch, John R.:
acalyptrate flies in National Museum 573
new forms of sphecoid wasps 265
Mallory, G. E., ginger paralysis, cause 75, 273
Malnutrition:
causas y prevención de la desnutrición 194
Malott, J. O., commercial education 241
Malott, Volney T., trustees *v.* United States 720
Malta fever, *see* Undulant fever.
Mammals:
outlines for studies of life histories 211
three small collections from Hispaniola 446
see also names of mammals.
Mammoth Cave of Kentucky 772
Man:
anthropological survey in Alaska 355, 446
anthropological work, Kuskokwim River 840
early, investigations in Florida 840
early, skeletal remains 70
insects injurious to, Govt. pubs. 417
see also Men.
Manalik Channel, chart 770
Manassa Timber Co., piling 117, 714, 906
Manassas battle fields, study, etc. 615, 683, 684
Manchester Shoe Co. 807
Mandan, N. Dak., dry-land gardening 1025
Mandate for Palestine 738
Manderscheid, Henry, beverages 174
Maneely, John, Co., *v.* United States 188
Maneuverability of F6C-3 airplane 726

Page
Manganese and manganiferous ores in 1929 961
Manger, William:
Pan Amer. Union and Pan. Amer. conferences 996
same (in Spanish) 996
Mangone, Philip, Co., Inc., v. United States 913
Manhattan Island, see New York City.
Manhattan Oil Co., gasoline 1056
Manic-depressive psychosis, deterioration 852
Manila, P. I., memorial to William H. Taft 32, 619
Manila Bay, radio stations, chart 1069
Manistee & Repton R. R., misrouting 180
Manistee Harbor, chart 941
Manitoba winters, rel. to eastern U. S. springs 153
Manitowoc County, Wis., soil survey 947
Manitowoc Harbor, Wis., chart 591
Manke, Peter, v. United States 54
Mann, L., economics of strip coal mining 609
Mann, Leon, patent appeal 482
Mann, P. L., v. United States 307, 986
Mann, S. J., osteoarthritis of spine 274
Manning, Caroline:
employment fluctuation in radio industry 917
women in pineapple canneries of Hawaii 433
Manning, John R.:
fish meal in animal feeding 295
vitamin D in menhaden fish oils 875
Mannose, ring structure, etc 302, 485
Manny, T. B., marketing cotton 466
Manôbos of Mindanáo 991
Manometers:
accuracy of manometry of explosions 878
for precision measurements 1038
Mansfield, George C., Co., relief 397, 664
Mansfield, George D., relief 397, 664
Mansfield, Wendell C., spiral fossil forms 265
Manske, Henry, jr., relief 527, 614
Mansuy, Margaret C., insect collection in study of agriculture 285
Manua Group, map 537
Manuals:
Army training manual 141, 343, 458, 938, 941
business of Fed. courts, manual for study 992
counseling, etc., handicapped persons 163
criminal justice administration cost 256
engineering instructions—
changes 726
chapters 60, 435, 563, 564, 726, 1065
reprints of chapters 60, 435, 563, 564, 726, 1065
hydrographic manual 959
interior control, for Naval Reserve 256
marine hospital management 364
national forest manual, amendments 599
of—
Aeronautics Bur., chapters 23, 24 1065
Marine Corps, changes 125, 342
Medical Dept., Navy, changes 820
Medical Dept., Navy, chapter 20 727
Navigation Bur., changes 256
Reclamation Bur., amendments 702
Supplies and Accounts Bur., changes 127, 730
patents, classification—
errata and correction sheet 611
substitute pages with corrections 774, 1037
Manufacturers Railway:
excess income 45
freight rates 903
Manufactures:
accidents in selected industries, 1926–29 990
biennial census, 1927 92
census, 1929, summary by industries 382
census publications for sale 808
publications for sale by supt. of docs 240
value of production, wages, etc., 1849–1929 432
see also names of manufactured articles.
Manufactures Committee, Senate:
hearing 683
report 683
Manufacturing industries, employment changes 826
Manures, rates on 1056
see also Green manuring.
Manuscripts Division, Library of Congress, report, 1929–30 561
Manz Corporation v. United States 986
Map of the World, International, Bureau, see International Map of the World on the Millionth Scale Bureau.

Page
Map projection:
geodetic operations in U. S 93
polyconic projection of maps, tables 294
Mapes, Carl E. (Representative from Mich.):
reports made by—
Interstate and Foreign Commerce Com 636, 641
Maple sirup:
costs, report of Tariff Commission 739, 1006
proclamation decreasing duty 735, 1006
Maple sugar:
costs, report of Tariff Commission 739, 1006
duty, proclamation decreasing rates 735, 1006
Maps and charts:
accessions in Library of Congress, 1928 59
air mail routes, North and South America 925
air routes of North America 345
air routes of South America 438, 566
airway maps 11, 91, 221, 292, 381, 475, 872, 1029
aviation charts 61, 257, 344, 437, 832, 1067
index 438, 566, 1068, 1069
catalogues issued to vessels of Navy 257
chart datums 384
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
highway system of United States 289
issued by—
Aeronautics Branch 11, 91, 221, 292, 381, 475, 872, 1029
Air Mail Service 925
Coast and Geodetic Survey 12, 94, 155, 223, 294, 384, 477, 605, 769, 875, 1031
Coast and Geodetic Survey, catalogues 294, 605, 874
Engineer Department, War Dept 205
Forest Service 7, 216, 375, 470, 599, 763, 867, 949, 1024
General Land Office 419, 536
Geological Survey, maps 892
Geological Survey, topographic maps 107, 166, 314, 419, 701, 893, 1048
Hydrographic Office 61, 62, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
Hydrographic Office, charts published and canceled 344, 437, 564
Hydrographic Office, etc., index 257
Military Intelligence Division 753
Mines Bureau 298
Northern and Northwestern Lakes Survey 142, 368, 591, 941, 1013
Public Roads Bureau 9, 89, 218, 289, 290, 378, 472, 600, 765, 869, 951, 1026
Reclamation Bureau 168
Weather Bureau 10, 90, 153, 219, 291, 380, 473, 602, 766, 871, 952, 1028
map reading, Army training regulations 938
maps for sale by supt. of docs 535
naval aviation charting program 63, 127, 258, 259, 729, 833
post route maps, list 733
post route maps, price list 837
prosperity dependent on overseas trade 572
railroad map of U. S 205
rural delivery county maps, price list 837
solution of map problems 275
trade routes as of Jan. 1, 1930 69
weather broadcasting stations 63, 127, 192, 258, 259, 729, 833
see also Map projection—also names of cities, rivers, etc.
Maps Division, Library of Congress 59
Marble, Charles E., alias, see Byron, Charles E.
Marble, rates on 49, 116, 180, 320, 546, 712, 1056, 1057
March, H. W., torsion, aircraft construction 60
March Field, boundary line for res 26
Marcum, Anthony, relief 21
Marden, John W., patent appeals 15
Mare Island Strait:
chart 769
Solano Co., Calif., to lay sewer outlets 507, 788
Margarine, see Oleomargarine.
Marietta, U. S. S.:
silver service for Campus Martius Museum 651
Marietta Manufacturing Co.:
complaint, rp., etc., of Fed. Trade Comn 534
v. United States 887
Marin, Joseph N., relief 21
Marin County, Calif., lands 23

Page
Marine Band:
attend celebration at Yorktown 652
attend Spanish War Veterans' convention 507, 687, 785, 790, 846
Marine Corps 60, 125, 256, 342, 436, 726, 919, 992
accounting manual for post exchange, etc 726
acts, etc., relating to, 71st Congress 342, 1065
battalion aid station equipment 256
correction of entry 464
maintenance in Nicaragua, State Dept. rp. 738
manual, changes 125, 342
officers—
decorations, etc., from foreign Govts 526, 651
directory 125, 343, 727, 993
in District of Columbia, Oct. 1, 1930 343
register, 1931 919
orders 60, 125, 256, 343, 727, 992
publications, Government 1047
register, 1931 919
relief of those enlisted Jan.-Apr. 1917 527, 652
report, 1930 436, 828, 829
training student aviators, syllabus 992
see also Pay, Marine Corps—Retired list, Marine Corps.
Marine Corps emergency officers' retired list, *see* Emergency officers' retired list.
Marine Corps Institute 726
Marine Corps Reserve:
directory of officers 125, 343, 727, 993
register of officers, Jan. 1, 1931 919
training student aviators, syllabus 992
Marine documents, issue by customs ports 220
Marine engineering:
bulletin of engineering information 60, 125, 191, 342, 435, 563, 829, 919, 1065
manual of engineering instructions—
changes 726
chapters 60, 435, 563, 564, 726, 1065
reprints of chapters 60, 435, 563, 564, 726, 1065
Marine engines, markets 386
Marine hospitals, *see* Hospitals—*also* names of places where located.
Marine mammals, *see* names of mammals.
Marine parades, safety rules, etc 872
Marine products, *see* Fish and fisheries.
Marine standards, *see* American marine standards.
Mariners, *see* Sailors—*also* Notice to mariners.
Marines, *see* Marine Corps—Veterans, and references.
Marinette-Green Bay Manufacturing Co 544
Marion Machine, Foundry & Supply Co 816
Marion Railway, control 111
Markers, *see* names of persons in whose honor markers are placed, or names of places where erected.
Market gardening:
comments on commercial truck crops 759
truck crops, statistics 759
vegetable seeds 1025
Markets and marketing:
agricultural marketing act—
helps in cooperative program 415
revolving fund for Fed. Farm Bd., estimate 451
revolving fund, for Fed. Farm Bd., hearings 395, 406
revolving fund for Fed. Farm Bd., law 393
revolving fund for Fed. Farm Bd., report 395
to amend, hearings (2 entries) 622
to amend, law 787
to amend, report 622
Australia as market for American goods 771
cooperative marketing—
and purchasing, 1920-30 148
bibliography 806
extension work 761
farmers build marketing machinery 415
financial structure of cooperatives 1044
guide for setting up associations 308, 696
lists of publications 308, 415, 533, 696
foreign crops and markets 148, 759, 862
in Canal Zone, repeal ordinance 640
is public market good civic investment? 1020
publications for sale by supt. of docs 311
research agencies, guide to publications 386
roadside markets 210
Page
Markets and marketing—Continued.
understanding Porto Rican market 961
see also Crops and markets (periodical)—*also* names of articles marketed.
Markhus, Andrew, relief 664, 780
Marking imported merchandise 269
Marko, Joseph:
relief, report of Military Affs. Com., S 685
relief, veto message 735
Marks, John, relief 21
Marks, William, relief 780, 802
Markwardt, L. J.:
aircraft woods 255, 1064
Alaska woods 763
strength properties of woods 216
Markwitz, Reinhold, patent appeal 228
Marlatt, C. L.:
bedbugs 865
cockroaches 150
house ants 86, 864
house centipede 213
see also Entomology Bureau.
Marmer, H. A.:
chart datums 384
Gulf Stream and its problems 354
Maroni River, chart 920
Marquette Coal & Mining Co., coal 248
Marquette University *v.* Federal Radio Comn. 415
Marquez, Gregorio, Pan American Child Congress, Spanish translation 738
Marriage:
census of marriages and annulments, 1928 11
census of marriages and annulments, 1929 873
Marriage certificates, filing in Hawaii 529
Married women, *see* Women.
Mars, Inc., candy 978
Marsden, Roger D., drainage districts in the South, 1926 217
Marsh, C. Dwight:
laurels as stock-poisoning plants 372
toxic effect of St. Johnswort on cattle 149
Marsh, F. A., foreign body in bronchus 1086
Marsh, L. C., survey of London life and labor 254
Marsh, William, alias, *see* Marks, William.
Marshall, Edward E., *v.* Sec. of Interior 312, 986
Marshall, F. R.:
raising sheep on temporary pastures 149, 947
silage for sheep 213
Marshall, George A., case of admr 1005
Marshall, John J., alias, *see* McMahon, John.
Marshall, L. B., calculus of kidney 1066
Marshall, Lewis C., patent appeal 1037
Marshall, Robert E., relief 21
Marshall, Rush P., tree wounds 1026
Marshall, S. M., tests of coals 1035
Marshall, W. K., wheats, milling, etc., qualities 283
Marshall Field & Co., *see* Field, Marshall, & Co.
Marshfield, Oreg., extension of port limits 196
Martens, Elise H., education of exceptional children 1047
Martha Mills, shingles 818
Martin, Charles W., relief 21
Martin, George C., Cretaceous plant-bearing beds, Alaska 43
Martin, H. E., Chesapeake & Ohio Ry. *vs* 930
Martin, Harry, relief 21
Martin, J. F., growth and yield in wheat 861, 950
Martin, John H.:
broomcorn growing and handling 152
distribution of classes of wheat 765
grains for western N. and S. Dak., etc 288
growing rye in western U. S 868
harvesting small grain in corn belt 1020
sorghum tissue fluids, freezing-point 595, 764
Martin, Lawrence, map accessions, Library of Congress, 1928 59
Martin, Mary R., appointment 68
Martin, R. D., community cotton production 1025
Martin, Steadman, relief 18
Martin, W. H., Babcock test for cream 3, 147
Martin, Whitmell P., memorial services 487
Martin, Winter S., injunctions, labor disputes 796
Martinez viuda de Sanchez, Mercedes, relief 498
Martins Ferry, Ohio, bronze cannon 26
Martyn, John W., classification 571
Marvin, C. F.:
are meteorological sequences fortuitous? 766
excerpts from annual report, 1930 473
see also Weather Bureau.
Marx, George B., relief 511

Page

Maryland:
age limits in industry 724
census, 1930—
agriculture 768, 873
population 222, 956
unemployment 956
employees in Govt. appointed since 1918 474
game warden—
Thomas M. Wampler *vs.* 449
Geological Survey—
soil of Prince Georges County 86
lands for parks, etc., to amend act—
hearings 653
minority views 653
report 653
mail routes, schedules 130, 263, 350, 570, 836, 999, 1073
post route map 733
psittacosis outbreak, Dec. 1929, etc. 936, 1085
Tax Commission—
Susquehanna Power Co. *vs.* 931
water main connection with D. C. 24
Maryland Agricultural Experiment Station, soil survey of Prince Georges County 86
Maryland & Pennsylvania R. R., rates on coke 176
Maryland Casualty Co. *v.* Augustus P. Norton 555
Maryland Society, D. A. R., bronze cannon 505, 785, 802
Mascot Oil Co., Inc., *v.* United States 236, 333
Mason, Arthur C., citrus rust mite 214
Mason, E. G., relief 626, 664, 780
Mason, W. M., rp., etc., of Fed. Trade Comn. 239
Mason City Brick & Tile Co.:
fuel-oil 177
hollow tile 49
Masonry:
brick masonry materials, volume changes 1038
of hollow units, strength 964
wall construction requirements 881
Massachusetts:
Agriculture Department—
soil surveys 85
bridge, *see* Connecticut River.
census, 1930—
agriculture 604, 768
population 293, 383
chart 12
Connecticut *vs.* 844
mail routes, schedule 130
post route map 733
radio stations, chart 1069
Massachusetts Bay, tide, etc., tables, 1931 384
Massachusetts Bay Colony Tercentenary Commission:
appropriation 393
establishment 30
Massachusetts Mutual Life Insurance Co. 333
Master Builders Co., ground iron borings 711
Masts, rates on 546
Matches, standard stock catalogue 270
Materia medica, Chinese accessions in Library of Congress 561
Matériel Branch, Air Corps 459
Matériel Division, Air Corps 276, 459, 939, 1013
Maternity, *see* Mothers.
Mather, Stephen T., memorial, to authorize 785
Mathes, G., Co., mosses 713
Matheson, J. R. D., Sacramento, Calif., dist., rp. 589
Matheson, K. J., Neufchâtel and cream cheese 213
Mathews, C. O., honor system, etc., in schools 700
Mathews, O. R., wintering steers, Great Plains 85
Mathewson, J. S., air seasoning of wood 7
Mats, rates on 713, 980
Matson Navigation Co. *v.* United States 333, 887, 968
Matsushima Suido, chart 729
Mattaponi River, chart 605
Matteson, David M.:
frontier background of Washington's career 804
honors held by Washington 804
official appointments of Washington 804
significant dates in public life of Washington 886
Washington and the Constitution 886
Washington, the farmer 804
Washington, the statesman 886

Page

Matthes, François E.:
geologic history of Yosemite Valley 314
Mount Rainier and its glaciers 974
Matthews, A. E., soil of Tuscola County, Mich. 864
Matthews, Herbert O., influenza 751
Mattice, W. A.:
effect of weather on apple yields 952
recent warm-weather trends, by graphs 601
weather and corn yields 1027
Mattoon, Wilbur R.:
forestry and farm income 286
help prevent woods fires, grow timber 763
measuring, etc., farm timber 866
profits from farm woods 152
Mattresses:
elimination of waste 775
rates on 713, 980
Maturin, Venezuela, first air mail flight 568
Maturin Bar, chart 921
Matz, Philip B.:
bone tumors in ex-service men 852
diabetes mellitus in ex-service men 1011, 1086
malignancy and tuberculosis 274
nervous, etc., disease, ex-service men 76
Research Subdivision, Veterans' Bur. 274
Maull, Louis, Co., vinegar 50
Maumee Feed & Fertilizer Co. 545
Maumee River, bridge in Ohio 668
Mauna Kea quadrangle, Hawaii 107
Maúrtua, Víctor, conciliación y arbitraje en América 996
Max Meadows quadrangle, Va. 420
Maxwell Field, land for military purposes 26, 785
May, Curtis, Dutch elm disease 950
May, Eugene, jr., citrus plants, quarantine 377
Mayer, Oscar, & Co., meat 905
Mayfield, Alfred W., relief 664, 780
Mayfield College, *see* Will Mayfield College.
Mayman, J. Edward, *v.* United States 54, 306
Mayman, R. A., *v.* United States 54, 306
Mayne Channel, chart 344
Mayo, Chester G., relief 507
Mays, Helen T., appointment 1075
Mead, Bennet:
feeble-minded, etc., in State institutions 1029
prisoners in State, etc., institutions 604
Mead Johnson & Co. *v.* Atlantic Coast Line R. R. 320, 713
Meadows, Robert G., *vs.* United States 358
Meadows, Roscoe M., relief 507
Mead's powdered milk products, rates on 320, 713
Meagher, S. A., Co. *v.* United States 887, 986
Meal, *see* Cotton-seed meal—Fish meal.
Meaney, Cornelius D., *v.* United States 333
Measuring instruments, for air permeability of fabrics 485, 611
see also Weights and measures—*also* names of instruments.
Meat:
commercial cuts 862
consumer habits and preferences 466
cystine content 1011
prices, meat and meat-food products 797
protect yourself from pellagra 762
rates on 180, 320, 905
specifications, etc. 137
vitamin G in meat and by-products 147, 149
see also Packing industry—*also* names of meats.
Meat business, vocational education 308
Meat-inspection supplies, specifications, etc. 747
Mechanic, airplane engine, training 938
Mechanical Engineers, American Society of, *see* American Society of Mechanical Engineers.
Mechanics' helpers in motor-vehicle service 27
Medals:
air mail flyer's medal of honor 410, 617
certain officers of Navy, etc., to accept 526, 651
commemorative of surrender at Yorktown—
hearings 496
law 789
reports 397, 682
distinguished work, etc., by Govt. employees 32
good-conduct, enlisted men of Army 647
granting to Albert B. Randall 505

Page

Medals—Continued.
hearings on awards of medals 795
information relating to U. S. medals 583, 935
posthumous award to—
Eugene D. Ely 651, 687
H. C. Drexler and G. R. Cholister 651, 687
report of Safety Bureau, I. C. C., 1930 423
stock catalogue, badges and medals 932
Mediation Board 434
report, 1930 434
see also Emergency Board (Louisiana & Arkansas Ry., 1931).
Medical Association, *see* National Medical Association.
Medical bulletins, *see* Naval medical bulletin—St. Elizabeths Hospital—Veterans' Bureau.
Medical care:
employees of Govt., medical facilities 103
Federal prisons, medical service 138
National Guard, medical attendance 460
Medical Corps, Navy, district medical officer 61
Medical Department, Army 459, 753, 856, 1014
Army extension courses 77, 141, 276, 939, 1012
Army regulations 77, 140, 366, 457, 853, 938, 1083
circulars 1014
library of Surgeon General's Office—
bequest of Wm. F. Edgar, to accept 646
index-catalogue, 3d series, v. 9 856
report, 1930 459
training regulations 938
see also Ireland, Merritt W.
Medical Department, Navy:
manual, changes 829
manual, chapter 20 727
supply table 564
see also Medicine and Surgery Bureau.
Medical education, *see* Medicine.
Medical examination, *see* Physical examination.
Medical examiners of Aeronautics Branch 11, 1029
Medical Field Service School, Army extension courses 141, 276, 939, 1012, 1088
Medical instruments, sterilization 1086
Medical literature:
article on 1066
writing of medical papers 1086
Medical officers, *see* Medical Corps, Navy—Veterans' Bureau.
Medical supplies:
supply table of Medical Dept., Navy 564
Medical surveys, recruiting viewpoint 256
Medicinal plants of commercial importance 88
Medicinal springs, lands containing 68
Medicine:
Chinese accessions in Library of Cong 561
facts of economic value 274
medical education 241, 809
medical mycology 60, 61, 256
neuropsychiatry in practice 1011
preventive medicine for medical officers, Navy 61, 256, 436, 829, 1066
proctology, relation to general medicine 61
see also certain headings beginning Medical—Medicinal.
Medicine and Pharmacy, Military, International Congress of, *see* International Congress of Military Medicine and Pharmacy.
Medicine and Surgery Bureau 60, 256, 436, 564, 727, 829, 992, 1066
circular letters 992
report of surgeon general, 1930 436, 828, 829
Medicines, *see* Drugs.
Mediterranean fruit-fly:
losses sustained in Florida—
hearing 622
reports 622, 660
parasitism in Hawaii 214
quarantine 148, 210, 282, 371
Mediterranean Sea:
lights, etc., on coast 257
pilot 343, 831
sailing directions 1067
Medulla, case of compression by osteitis 256
Medusa Portland Cement Co., cement 543
Mee, Robert A., gonorrheal arthritis, etc 851, 936
Meeker quadrangle, Colo., geology, etc 106

Page

Meggers, William F.:
arc spectrum of rhenium 1038
band spectra of scandium, etc., monoxides 881
regularities in 2d spectrum of xenon 612, 777
regularities in spectra of lutecium 17, 99
Meherrin River, navigation, etc., rp 141
Meier, F. C., seed treatment reduces loss 377
Meinesz, F. A. Vening, gravity measuring cruise, S-21 729
Melanoma, report of case 937
Meihorn, K. C., some thoughts for the future 256
Mella, Hugo:
panniculitis 76
subarachnoid lavage, etc., in meningitis 585
Mellon, Andrew W., *see* Treasury Department.
Melon aphid and its control 598
Melons, refrigeration charges 817
see also names of melons.
Meloy, G. S., uses of products of cotton plant 759
Melton, E. R., aircraft instrument materials 191, 1064
Member banks, *see* Federal reserve member banks.
Members of Congress, *see* Congress of United States—House of Representatives—Senate—*also* names of Senators and Representatives.
Memoirs of National Academy of Sciences 991
Memorial services, *see* Eulogies.
Memorials, *see* Monuments and memorials.
Memphis, Tenn.:
Freight Bureau—
freight rates 979
hydraulic rotary lifts 1056
overalls 980
rice 715
rivers and harbors in district, rp 588
Memphis & Charleston Ry. *vs.* C. L. Pace 576
Memphis Cotton Oil Co. *v.* United States 1061
Men:
employment trends of workers 57
industrial accidents to men 341
physical development and posture, pt. 4 936
Menhaden:
industry 606
production of oil for animal feeding 960
vitamin D in menhaden fish oils 875
Meningitis:
eleven cases of cerebrospinal fever 436
meningococcus meningitis, prevalence 75, 273
subarachnoid lavage, etc., use 585
symptoms with pulmonary tuberculosis 1086
torula meningoencephalitis 61, 974
Meningococci:
serological classification, etc 936
type distribution in U. S 139
Mennie Manufacturing Co 970
Menominee County, Mich., soil survey 212
Menominee Indians:
per capita payments 617, 634, 679
to employ general attorneys 679, 785
Mental diseases:
biometrical studies in psychiatry 108, 974
emotions in psychotic patients 366
entrance ward problems in hospital 937
exercises for psychotic patients 585
extramural care of mentally sick 274
foreign bodies in gastrointestinal tract of psychotic patients 585
future incidence among ex-service men 76
ground parole for psychotic patients 585
hydrotherapy for psychotic patients 852
influence of intercurrent diseases 585
language of psychoses 108
malingering in psychotic patients 585
mental concomitants of heart disease 1086
nursing of mentally ill 937
nursing value of postgraduate course 1011
occupational therapy 585 (2 entries), 937
physical program for mentally ill 203
prognosis, ref. to extramural adjustment 585
psychiatry and social sciences 974
psychological factors in psychopaths 274
reexaminations in mental hospitals 1086
research in psychiatry 974
rôle of affect in psychotic behavior 750
social significance 108

Page

Mental diseases—Continued
social status of mentally sick 852
social worker's function in hospital 751
sodium iso-amyl-ethyl barbiturate use 852
syphilis in psychotic patients 1011
see also Neuropsychiatric diseases— *also* names of diseases.
Mental factors in tuberculosis treatment 751
Mental hygiene, origin, etc., of movement 974
Mental reactions, types in brain tumor 974
Mental tests:
agrupación de los alumnos según su habilidad 923
same (in Portuguese) 996
Menu, selective, in hospital 203
Menzer, Edwin L., relief 647
Mera, Port, chart 438
Meramec River, navigation, etc., rp 940
Merchandise, *see* Commercial products.
Merchant Fleet Corporation, *see* Shipping Board Merchant Fleet Corporation.
Merchant marine:
American documented seagoing vessels 14, 97, 227, 298, 388, 481, 609, 878, 962, 1036
construction loans, interest rate 617
international load line convention 448, 842
load line regulations 158
merchant vessels of U. S., 1930 227, 481, 482
seagoing vessels of U. S., 1930 227, 481, 482
statistics, 1930 481
uniforms for officers, specifications 486
see also Shipping.
Merchant Marine and Fisheries Committee, House:
hearings 504, 644
report 644
Merchant marine bulletin 131, 197, 265, 353, 445, 572, 736, 839, 927, 1001, 1076
Merchant Marine Conference, *see* National Conference on Merchant Marine.
Merchant vessels, *see* Merchant marine.
Merchants:
aids to independent merchant 96
Merchants' aircraft, *see* Aircraft.
Merchants' & Manufacturers' Traffic Bur 50
Merchants & Miners Transportation Co.:
rates on—
cans 352
silk noils 715
Merchants & Planters Plant Food Co 714
Merchants' Cooperative Advertising Service 239
Merchants Transfer & Storage Co 333
Merchants Warehouse Co 720, 896, 1005
Mercier, Alfred A., coefficient of friction of fabrics 99, 231
Mercury:
article on quicksilver 962
production in 1929 387
Mercury dusts, pea-seed treatment 595, 758
Mergui, Burma, charts 62, 258
Meridian Traffic Bureau:
freight rates 177, 545
logs 816
Merit system in civil service 154
Meriwether, F. V., miliary lung disease 456, 850
Merkle, James W., *v.* United States 986
Merle-Smith, Kate F., court cases 268, 357, 429
Merren, K. E., *v.* comnr. of internal revenue 913
Merrick, Amanda D., fresh-water mussels 606
Merrill, Catherine L., relief 647
Merrill, Charles W.:
silver, etc., in argentiferous ores 227
tin in 1929 878
Merrill, F. A., cotton or weevils 374
Merrimack River, navigation, etc., rp 940
Merritt, G. E., changes in glass by heating 160, 302
Merritt, Schuyler (Representative from Conn.):
minority views—
Interstate and Foreign Commerce Com 636
reports made by—
Interstate and Foreign Commerce Com 635–636, 639
Mersey River, England, chart 1068
Mersey River, Tasmania, chart 345
Mertie, J. B., jr.:
geology and mineral resources of Alaska 106
mining in Fortymile district 537
Merz, A. R., agricultural statistics 84
Mesa Verde National Park:
addition of lands 510, 529, 785
general information circular 894

Page

Meserve, George B., case of administratrix 122
Meserve, Minnie D., United States *v* 122
Mesler, Isabel, claim for damages to property 699
Messages of President, *see* President of United States.
Messenger, Frank, British market for agricultural machinery and implements 95
Metabolism, lowered basal, causes, etc 436
Metal bases for plaster and stucco 452
Metal frame berths, etc., for ships 301
Metal shapes, standard stock catalogue 1008
Metallurgical Advisory Board 609
Metallurgical plants, accidents, 1929 1036
Metals:
contributions to economic geology, 1930 892
heat through metal-inclosed insulation 99, 230
mineral resources of U. S., 1927 14
mineral resources of U. S., 1928 961
mining in Idaho, graphic history 243, 892
mirrors by metal deposition on glass 485
nonferrous, Commerce Dept. services 381
particle size in samples 230, 391
properties of type metal alloys 302, 485
radiation from electron bombardment 880, 1039
rates on 116, 425, 713
Rockwell-Brinell relationships 17, 99
secondary metals in 1929 609
sheet metal, standard thicknesses, etc 881
specifications, etc 747
standard samples issued, etc 965
tests, publications for sale 891
see also Precious metals—Rare metals—*also* names of metals.
Metaxenia in cotton 1025
Metaxiotis, Athanasios, relief 18
Metcalf, Franklin P.:
wild-duck foods of N. Dakota lakes 760
errata 947
Metcalf, Jesse H. (Senator from R. I.):
reports made by—
Education and Labor Com 675
Naval Affairs Com 526, 687–688
Meteorological apparatus, specifications, etc 747
see also name of apparatus.
Meteorological Committee, *see* International Meteorological Committee.
Meteorological institutions, evolution 870
Meteorological Organization, *see* International Meteorological Organization.
Meteorology:
and seasonal weather forecasting 766
Antarctic meteorology 952
are meteorological sequences fortuitous? 766
conditions, Santiago-Buenos Aires airway 601
cooperative observer 601
forest-tree diseases 601
importance to aviation 90
investigations in Greenland, 1930–31 473
meteorological tables, 1929 601
monthly meteorological summary 9, 90, 153, 219, 290, 379, 472, 601, 766, 870, 952, 1027
peculiarities of Yakima Valley, Wash 473
publications for sale by supt. of docs 809
status of correlation investigation 219
survey for airship bases 952
see also Climate—Weather.
Metered mail, *see* Mail matter.
Methane:
heat of combustion 485, 776
permissible detectors 387
Methanol, *see* Wood-alcohol.
Methoni, chart 126
Methyl alcohol, *see* Wood-alcohol.
Methyl Capri blue, oxidation-reduction 851
Methyl chloride poisoning 139
Methylpyrrolidine toxicity to mosquitoes 147, 214
Metric system, publications for sale 891
Metro, Goldwyn, Mayer Corporation, pictures 889
Metropolitan Coal Co., coal 113
Metropolitan Life Insurance Co., employment 571, 826
Metropolitan Police Force, *see* Police Department, District of Columbia.
Metropolitan Tobacco Co., court case 333
Mettler, Charles G., claim 21, 307
Metzger, F. W., traps for Japanese beetle 87
Metzger, Walter W., patent appeal 299
Meurer Steel Barrel Co. *v.* U. S 333, 888
Meuse-Argonne American Cemetery 743
Meuse River, charts 192, 345, 833

Page

Mevagissey Harbor, chart 258
Mexican Claims Commission, *see* General Claims Commission, U. S. and Mexico.
Mexico:
archaeological work 1070
fossil decapod crustaceans 265
fossil forms, some peculiar spiral 265
libros y bibliotecas 567
money-order post offices 129
motion pictures 877
pilot, supplements 727, 830
standard time zones of adjacent Mexico 100
see also General Claims Commission, U. S. and Mexico—International Water Commission, U. S. and Mexico.
Mexico, Gulf of:
charts 12, 605, 728, 770
commercial snappers, Lutianidae 295
see also Gulf Coast—Gulf States.
Meyer, Clara R., oats, vitamin A content 861, 945
Meyer, Eugene, nomination to Fed. Reserve Bd 661
Meyer, H. M.:
copper in 1928 226
copper in 1929 1036
silver, copper, etc., in Central States 481
Meyer, Harvey K., relief 522
Meyer, Walter H.:
yield tables, application to Douglas fir 286
yields of immature Douglas fir forests 371, 375
Meyer, William, relief 21
Meyers, C. H., multiple manometer, etc 1038
Meyersdale Fuel Co. *v.* United States 307, 986
Miami, Fla:
aviation chart 832
First Trust and Savings Bank—
commissioner of internal revenue *v.* 52, 121
harbor, chart 875, 941
record rainfall 153
Miami Beach, Fla., relief of purchasers in Harding townsite 691
Miami Municipal R. R., extension 813
Miami River, navigation, etc 854
Miami soils, colloidal material 468
Miami Valley Fruit Co. *v.* United States 333
Mica:
customs appeal 532
production in 1929 1036
rates on 180, 713, 980
Michaelson, Samuel S., relief 21
Michaud division, *see* Fort Hall irrigation project.
Michel, Barbara M., relief 780, 799
Michel, Frank J., relief 780, 799
Michel, Theodore, United States *v.* 555
Michelson, Truman, Cheyenne, Kickapoo, and Fox 840
Michigan:
census, 1930—
population 383, 956, 1030
unemployment 956
chart of inland route of navigation 368
Conservation Department—
soil survey of Menominee County 212
Federal aid highway system progress map 472
highway commissioner—
Frank H. Dohany *vs.* 358
judge for eastern district 682, 785
lands restored to exchange 68
lighthouse reservation for park 639, 671, 787
mail contracts 348, 349
mail routes, schedules 570, 732, 999, 1073
post route map 733
tornadoes in May 1930 90
Michigan Agricultural Experiment Station:
ginseng diseases and their control 8
soil surveys—
Jackson County 212
Kent County 5
Menominee County 212
Tuscola County 864
sugar-beet culture in humid area 289
time to harvest fiber flax 868
Michigan avenue in D. C., grade crossing 616
Michigan Canners Association, fruit 903
Michigan Central R. R.:
abandonment 705
bonds 898
construction 541

Page

Michigan Central R. R.—Continued.
demurrage 902
Kalamazoo National Bank & Trust Co. *v.* 319
rates on—
automobiles 47
brass tubing 707
dillweed 176
milk food 546
wire 50
Michigan City, Ind.:
chart of harbor 143
examination of harbor 588
Michigan, Lake:
breakwater in navigable waters 655, 668, 785
charts 142, 143
Microflora of sulphate-containing soil 757, 758
Microfossils, pursuing 839
Microorganisms, *see* Bacteria.
Microscopes:
lateral chromatic aberration 1038
specifications, etc 747
Microscopic determination of ore minerals 973
Microscopic particles, separation, etc 609
Middle Atlantic seaboard, *see* Atlantic Coast.
Middle Atlantic States, *see* Atlantic States.
Middle, Caleta, chart 259
Middle Creek R. R., rates on coal 319
Middle Fork of Kings River, *see* Kings River.
Middle Oregon Indians, *see* Warm Springs Indians.
Middle Rio Grande Conservancy District 742
Middle West Coal Co., Inc 118
Middleton, Jefferson:
clay in 1929 297
feldspar in 1929 226
fuller's earth in 1929 226
graphite in 1929 226
gypsum in 1929 226
Middleton, R. E., test of oleo 939
Middleton, William, sawflies 865
Middleton Compress and Warehouse Co 902
Middlings, charges on 543
Midland Valley R. R.:
excess income 44
rates on gasoline 1056
Midshipmen, *see* Naval Academy, Annapolis.
Midway Island, light list 608
Midwest Coal Traffic Bureau, coal 978
Migrations and climate 354
Migratory Bird Conservation Commission 405
report, 1930 405
Migratory birds, *see* Birds.
Milam County, Tex., soil survey 5
Milano Co. *v.* comnr. of internal revenue 335
Milburn Creek, quay 636, 669, 785
Mileage, *see* Traveling expenses.
Mileau, Alexander, *v.* United States 54, 307, 1042
Miles, Irma U., relief 515, 780
Miles mean motors in Latin America 386
Milford, Utah, airway maps 92, 292, 381, 1029
Milford Harbor, Conn., seed oysters 295
Miliary lung disease, unknown cause 456, 850
Military Academy, West Point 277
acquisition of land—
hearings 647
law 785
reports 525, 647
cadets, appointment and admission 277, 751
construction 33, 621, 785
register of officers and cadets, 1930 277
report of superintendent, 1930 277
Military Affairs Committee, House:
calendar 161, 403, 505, 645, 882
hearings 32-33, 101, 161, 403, 506, 646-647, 649-650, 795, 882, 967
reports 403, 504-506, 644-650
Military Affairs Committee, Senate:
hearing 686
reports 38, 409, 524-525, 683-686, 801-802
Military camps, Army regulations 140, 204, 275
see also Citizens' military training camps—Reserve Officers' Training Corps, Army—*also* names of camps.
Military communication:
all arms and services, extension courses 367
signal depot organization, etc 1088
signal supply, Army extension courses 1012
see also various methods of communication.

Page

Military education:
Army extension courses 77, 141, 204, 275, 366, 367, 458, 459, 586, 752, 854, 939, 1012, 1087, 1088
announcement 1087
Army regulations 77, 204, 275, 751, 853, 938, 1012, 1087
Army training manual 141, 458, 938, 941
Army training regulations 77, 204, 275, 752, 853, 854, 938, 939
training management 854
Military establishment, *see* Army.
Military homes, *see* National Home for Disabled Volunteer Soldiers—Soldiers' and sailors' homes.
Military Intelligence Division 753
Military law, Army extension courses 586
Military laws of United States, supplement 753
Military Medicine and Pharmacy Congress, *see* International Congress of Military Medicine and Pharmacy.
Military posts:
Army regulations 140, 204, 275
construction 26, 31, 744
see also Airports and aviation fields—*also* names of forts, barracks, etc.
Military publications, Army regulations 1012
Military radio stations, *see* Radio stations.
Military records:
Army regulations 275, 457, 1012, 1087
publication of World War records, hearings 32
Military reservations, map 536
see also names of reservations, forts, etc.—*also* names of places where located.
Military roads, *see* Roads.
Military societies, *see* names of societies.
Military supplies, standard stock catalogue 744
see also Army supplies—Munitions—Naval supplies.
Military training, *see* Military education—*also* Citizens' military training camps—Reserve Officers' Training Corps, Army.
Militia, *see* National Guard.
Militia Bureau 206, 368, 459, 591, 753, 856, 942, 1014
report, 1930 460
Militia Target Range Reservation 33
Milk:
clean milk production 864
effect of garlic on odor and flavor 150
enforcement of milk import act 469
Federal standard stock catalogue—
condensed milk 1082
powdered milk 452
filled milk act, Agric. Dept. to enforce 622
inspection 1011
milk goats 5, 1020
ordinance in Mississippi, operation 273
ordinance in Missouri, operation 1085
production, etc., rp. to White House Conf. 936
protect yourself from pellagra 762
ratas on—
condensed milk 978
evaporated milk 177, 710
Mead's powdered milk products 713
milk 49
milk food 546
report of com. on milk, Conf. of State, etc., Health Authorities of N. Amer 1085
sanitation in production, publications 864
ten suggestions for milk consumers 598
uses in the home 287
see also Dairy products.
Milk River irrigation project 26
Milking machines, cleaning 86
Mill, *see* Mills.
Mill Pond Plantation Trust, case of trustee 431
Millbank Fish & Mildcure, Ltd., claim 563
Miller, C. R.:
encephalitis and Huntington's chorea 76
hydrotherapy for psychotic patients 852
Miller, C. S., bridge 502, 671, 786
Miller, D. R., sheet metal, thicknesses, etc 881
Miller, Dalton G., relief 21
Miller, E. B., spontaneous pneumothorax 140
Miller, Fric R.:
beginnings of Weather Bureau 952
.. evolution of meteorological institutions 870
rainfall data, interpolation 871

Page

Miller, Fred F., tobacco barns for sweet-potato storage 152
Miller, Fred R., to pay 489
Miller, Gerrit S., jr.:
goat-antelope in Pleistocene, Colo 446
mammals from Hispaniola 446
skeletons of 2 Alaskan porpoises 446
Miller, H. C., gas-lift method of flowing oil wells 158
Miller, Henry, Fed. Trade Comn. statutes, etc. 416
Miller, J. A., relief 21
Miller, J. W., Co., switching charges 908
Miller, M. R., Corydalis caseana, toxicity 757, 861
Miller, Nelson A., wholesale dry goods 296
Miller, Paul R., airplane landings 871
Miller, Peter H., court case 337, 430
Miller, R. B., relief 511
Miller, T. A. H.:
concrete construction on farm 153
concrete for farm use 289
logs and poles in farm construction 869
rammed earth walls for buildings 8, 1026
Miller, T. H., gold, etc., in Idaho and Wash 961
Miller, White B., relief of estate 494, 515
Miller, William, *vs.* Sec. of Agric. of Nebr 358
Miller, William, *v.* United States 1061
Miller Field to connect with N. Y. City sewer 393
Millers' National Federation 310, 416, 1046
Millet seed, rates on 713
Millie Francis Oil Co. *v.* Rex B. Goodcell 429
Milligan, Jacob L. (Representative from Mo.):
reports made by—
Interstate and Foreign Commerce Com 401, 500, 502, 636–638, 641–642
Millikan, Clark B., extended theory of thin airfoils 562, 1065
Milliken, Seth M., case of executors 54
Millivolt-temperature relations of iron-constantin thermocouple 276
Mills, H. E., relief 408, 614
Mills, Robert E., *v.* United States 236, 429, 532
Mills, William, *v.* United States 695
Mills:
paper mill for United States securities 793
wind pressure on mill building model 881, 1039
Mills Novelty Co. *v.* United States 532, 1043
Millwork:
rates on 546
specifications, etc 849
standard stock catalogue 847
Milne Lumber Co.:
demurrage 48, 248
reconsignment 547
Milo, *see* Sorghum.
Milo Bar Bell Co., Fed. Trade Comn. rp., etc 1046
Milovich, Elizabeth V., venereal diseases 1086
Milroy Milling Co., Inc., grain 178
Milwaukee, Wis.:
chart of harbor 1014
rivers and harbors in district, rp 588
wholesale trade, census, 1930 874
Mimbres Valley, ground-water supply 701
Mincemeat, standard stock catalogue 848
Mind, structural basis 1086
Mindanao:
chart of harbors 12
coast pilot 12, 769
Manóbos 991
Mindoro, coast pilot, supplement 769
Mine accidents, *see* Accidents.
Mine gases, *see* Gases.
Mine lamps, permissible electric 297
Mine timbers, rates on 546
Mine ventilation, *see* Ventilation.
Minehart, V. L., coincident carcinoma, etc 203
Mineral Center, Minn., bridge 518, 640, 787
Mineral Coal Saver Co 970
Mineral fuels, *see* Fuel.
Mineral Hill mining district, Idaho 43
Mineral lands, repayment of rents, etc 27
Mineral oil, *see* Petroleum.
Mineral resources, *see* Minerals.
Mineral Statistics Division, Mines Bur 96, 298
Minerals:
Commerce Dept. services to industry 381
in Wyoming, to permit development 510, 693, 789
.. industry of Alaska 419

Page

Minerals—Continued.
nonmetallic, and products, standards 231
paper-coating minerals 391, 485
resources of Alaska—
investigations in 1927, index, etc 43
investigations in 1928 537
northwestern Alaska 106
resources of Carbon, etc., counties, Mont 166, 810
resources of United States—
1927, metals 14
1928, metals 961
1928, nonmetals 387
1929, preliminary summary 96
see also Ores—*also* names of minerals.
Minerals Division, Foreign and Domestic Commerce Bur.:
coal industry, extract from circular 796
coal industry of the world 479
international trade in petroleum, etc 157
petroleum refineries, foreign countries 225
Switzerland as petroleum market 386
Minerals Separation North American Corporation *vs.* Magma Copper Co 358
Mines and mining:
census publications for sale 808
depletion of mines, hearings 511
in Ohio, fluctuation of employment 124, 189
publications for sale by supt. of docs 808
see also Coal mines and mining—Metals—Precious metals—Rare metals—*also* certain headings beginning Mine—*also* names of metals and minerals mined—*als* names of mining districts.
Mines and Mining Committee, House:
hearings 233, 883
reports 650
Mines and Mining Committee, Senate:
report 525
Mines Bureau 14, 96, 158, 226, 297, 387, 481, 609, 772, 878, 961, 1035
manufacture of wood alcohol, agreement 1028
motion picture films 227, 387
publications—
complete list to June 30, 1930 387
monthly lists 14, 97, 158, 227, 298, 388, 481, 609, 773, 878, 961, 1036
publications on (lists)—
accident statistics 14, 962, 1036
investigations of explosives 297
report, 1930 298
Mines Bureaus, etc., of States, *see* names of States.
Mines Research Board, *see* Safety in Mines Research Board of Great Britain.
Minhardi wheat, *see* Wheat.
Minidoka irrigation project:
map of Gooding division 168
specifications, etc 244
Minidoka Reservation enlarged, Exec. order 68
Mining, *see* Mines and mining.
Mining (submarine), *see* Submarine mining.
Mining districts, *see* names of districts.
Mining experiment stations:
establishment at College Park, Md.—
hearing 883
law 786
reports 525, 650
see also names of stations.
Ministers, *see* Foreign service.
Ministries of education, national 165
Minkus, M., books 889
Minneapolis, Minn., employment of handicapped 41
Minneapolis & St. Louis R. R.:
Guaranty Trust Co. of New York *v* 984
rates on—
boxes 814
mosses 713
tomatoes 322
receiver's certificates 111, 541, 1052
receiver's notes 171, 1052
Minneapolis, Anoka & Cuyuna Range R. R.:
acquisition 111
stock 977
Minneapolis, Northfield & Southern Ry 794, 800
Minneapolis, Red Lake & Manitoba Ry 116

Page

Minneapolis, St. Paul & Sault Ste. Marie Ry.:
abandonment 977
bonds 171
rates on millwork 546
vs. Noah Moquin 1005
Minneapolis Steel & Machinery Co. employees 34
Minnesota:
bridges, *see* Minnesota River—Mississippi River—Pigeon River.
census, 1930—
population 293, 1030
unemployment 1030
court case of Gynther Storaasli 931
district judge, hearings on confirmation 967
Federal aid highway system progress map 218, 869
fire of Oct. 1918, relief of claimants—
hearing 494
minority views 626
report 626
lands—
Chippewa lands, sale to Minn 510, 522, 617
protection and use 29
ratifying title, etc., of Minn 27
timberlands, sale 618, 693
withdrawal, partial revocation 1075
mail contracts 348, 349
post route map 733
Minnesota Agricultural Experiment Station:
soil survey of Wadena County 761
volume and tonnage of haystacks 1020
Minnesota & Ontario Paper Co. *v.* U. S 333, 412, 695, 823, 913, 986
Minnesota River, bridges in Minnesota 27, 794, 800
Minnesota University:
land settlement in Great Lakes States 862
Pearson's correlation method 950
see also Minnesota Agricultural Experiment Station.
Minnesota Valley Canning Co., patent appeal 299
Minnie Moore and near-by mines 43
Minors, *see* Child labor—Children.
Minot's liver extract, blacktongue preventive value 456, 850
Mint, *see* Peppermint—Spearmint.
Mint Bureau 455, 583, 935, 1009
report, 1930 455
Mirabelli, Pasquale, relief 494
Mirage, passing of, locally 473
Miramonte Ranch quadrangle, Calif 419
Mirrors:
making by metal deposition on glass 485
plate glass, elimination of waste 881
Miscellaneous collections series, *see* Smithsonian miscellaneous collections.
Miscellaneous publications, *see* names of Departments, bureaus, etc., issuing publications—*also* special subject.
Miser, H. D., mineral fuels 106, 107, 810
Misrouting:
Alpena Leather Corporation 905
Atlantic Lumber Co 49
Atlantic Marble & Tile Co 546
Bluefield Produce & Provision Co 180
Breece, George E., Lumber Co 180
Coltexo Corporation 547
Concrete Engineering Co 49
Gulf Red Cypress Co 321
Hord, T. B., Grain Co 905
Huff, Edwin S., Co 713
Jefferson Lumber Co 321
Jones, E. D., & Sons Co 816
Pierson, John 713
Premier Red Ash Coal Corporation 905
Rea-Patterson Milling Co 816
Shreveport Chamber of Commerce 180
Simms Oil Co 180
Smith, H. B., Co 116
Smith Brothers, Inc 180
South Dakota Penitentiary 425
South Georgia Traffic Bureau 321
Southard Feed & Milling Co 546, 1057
Sunderland Brothers Co 547
Walker, M. R 713
Watters-Tonge Lumber Co 180
Welch Flour & Produce Co 816
Wheeler Lumber Bridge & Supply Co 425
Mission, Tex., First State Bank and Trust Co 676

Page
Mission Hosiery Mills, Inc., yarn 549
Mission Indians, trust period extended 837
Mission Point, *see* Old Mission Point.
Missionary Ridge Crest road, paving 743
Missisquoi River, report on navigation, etc 277
Mississippi:
bridges, *see* Escatawpa River—Tombigbee River.
census, 1930—
population 222, 956
unemployment 956
Federal aid highway system progress map 1027
Geological Survey—
Claiborne County soil survey 760
Rankin County soil survey 761
lands—
control by Secretary of Interior 444
to repeal act to sell and patent 803
withdrawal for lighthouse purposes 838
Levee District—
case of Columbia & Greenville Ry 1004
Louisiana *vs.* 844, 930
National Guard camp site, etc 505
postal service—
mail routes, schedules 67, 195, 350, 569, 836, 999
plants, etc., addressed to places in 262
post route map 733
standard milk ordinance operation 273
Mississippi Agricultural Experiment Station, livestock in Coastal Plain 282
Mississippi Choctaws, *see* Choctaw Indians.
Mississippi Cotton Oil Co., cotton-seed 176
Mississippi Export R. R., stock 813
Mississippi River and Valley:
bridges in—
Arkansas 794
Illinois 637, 669, 786
Iowa 501, 617, 669, 786
Louisiana 637
Minnesota 501, 502, 617, 669, 786
Missouri 27, 401, 617, 669
Wisconsin 400, 487
flood control—
hearings 161, 631, 793
law 27
reports 102, 631
flood sufferers, to approve relief 525, 617
improvement of river above Ohio River 588
light lists, Mississippi R. and tributaries 481, 878
rivers and harbors in upper division 588
stages of river and its tributaries 205
surface water supply 243, 810
Mississippi River Commission 205, 590
report, 1930 590
Mississippi Shipping Co., bid to carry mail 30
Mississippi Valley, *see* Mississippi River and Valley.
Mississippi Valley Barge Line 180, 713
Mississippi Vegetable Shippers Bureau 982
Missouri:
bridges, *see* Eleven Points River—James River, Mo.—Missouri River—St. Francis River—White River.
census, 1930, population bulletin 383
Federal aid highway system progress map 869
milk ordinance, results of operation 1085
postal service—
mail contracts 348
mail routes, schedules 67, 263, 443, 732, 925, 1073
post route map 733
Missouri Agricultural Experiment Station, soil survey of Polk County 213
Missouri & North Arkansas Ry.:
rates on sand 548
receiver's certificates 171
Missouri Gravel Co., sand 183
Missouri-Illinois R. R., rates on poles 906
Missouri, Kansas & Texas Ry., valuation 819
Missouri-Kansas-Texas R. R.:
rates on—
cotton 176
steel 321
Missouri-Kansas-Texas R. R. of Texas:
rates on sewer-pipe 1058
Missouri Pacific R. R.:
bonds 171, 898
misrouting 816

Page
Missouri Pacific R. R.—Continued.
rates on—
alfalfa meal 706
butter 1054
coal 708
cotton-seed meal 1055
gasoline 711
grain 711, 904
logs 249
metals 713
mine timbers 546
peanuts 49
pipe 117
radio receiving sets 182
sand 183, 715
sewer-pipe 118, 425, 907
wagons 119
watermelons 119
switching charges at—
Leavenworth, Kans 118
Louisville, Nebr 50
unification 171
v. United States 888
Missouri Portland Cement Co.:
cement 174
gravel 49
Missouri River:
basin, surface water supply 243
bridges in—
Iowa 637, 638, 670, 786, 800
Kansas 27
Missouri 502, 518, 617, 637, 638, 670, 786
Montana 27, 637, 669, 786
Nebraska 27, 502, 517, 518, 617, 637, 638, 670, 786
North Dakota 637, 670, 786
Indian tribes of the upper Missouri 355, 446
Missouri Southern R. R., notes 977
Missouri University, beef 283
see also Missouri Agricultural Experiment Station.
Missouri Valley Pipe Line Co. of Iowa 638, 670, 786, 800
Mitchell, Alexander, *v.* United States 338
Mitchell, C. L., Santo Domingo hurricane 379
Mitchell, H. H.:
calcium retention of growing pigs 861, 945
potassium iodide in feeding swine 3, 4, 83
Mitchell, Hugh C., triangulation in Hawaii 93
Mitchell, Mowatt M., sales districts in Italy 296
Mitchell, William DeW., *see* Justice Department.
Mitchell, S. Dak.:
Chamber of Commerce—
fruit 903
Mitchellville quadrangle, Iowa 167
Mitman, Carl W., mechanical transport era 355
Mittry, George, *v.* United States 412
Mittry, S. K., *v.* United States 412
Mixed Claims Commission, U. S. and Germany 71, 134, 843, 1003
attorneys' fees 853
estimate 742
see also names of claimants.
Mixed Claims Commission, U. S. and Mexico, *see* General Claims Commission, U. S. and Mexico.
Mixed Claims Commission, U. S., Austria, and Hungary, *see* Tripartite Claims Commission, U. S., Austria, and Hungary.
Mize, Harlan E.:
anesthesia in peritonsillar abscesses 937
tonsillectomy for adult patients 585
Mobile, Ala., rivers, etc., in district, rp 588
Mobile & Ohio R. R.:
lumber, cancellation of routing 981
rates on—
bricks 707
cotton goods 1055
securities 705
Mobile County, Ala., experimental farm 882
Mobile River, navigation, flood control, etc 854
Modesto & Empire Traction Co 714
Modoc Indians, enrollment 32
Moffatt, Arthur, relief 780, 802
Moffatt, William L., *vs.* United States 308, 429
Moffett, William A., *v.* Bradley A. Fiske 823
Moffit, Fred H., geology of Nizina River 419, 537

Page

Mohair, rates on 180
Mohawk Condensed Milk Co. *v.* United States 307
Mohican River ditch, examination 399, 407, 617
Mohler, F. L.:
metals bombarded by electrons 880, 1039
photo-ionization of caesium 17, 98, 99, 230 (2 entries), 390
Mohler, John R.:
blackleg, nature, cause, etc 283
livestock production, recommendations 84
reliability of tuberculin test 597
tuberculosis of hogs 467
vesicular stomatitis of horses, etc 372
see also Animal Industry Bureau.
Mohr, August, relief 21
Moir, Harry C., court case 54
Moise, Leon L., court case 823
Moisture:
control in fresh-air chambers 861, 868
expansion of ceramic finishes 775, 965
forest fuels, and relative humidity 379
wood, moisture-excluding coatings 215
see also Soil moisture.
Moji, Japan, chart 63
Mokelumne River, flood control, rps 399, 407, 617
Molasses, rates on 249, 816, 1057
Mold-wash, standard stock catalogue 580
Molds (forms):
brick ice cream 1038
effect on properties of steel castings 99, 231
rates on 547, 905
Molecular, weight apparatus 160, 302
Moles, agricultural pests and fur producers 373
Mollusks:
explorations in West Indies 840
from Aspen shale of Wyoming 737
land shells from island of Luzon 356
see also names of mollusks.
Molukka Sea, chart 728
Molybdenum in 1929 387
Monacan Indians:
five towns in Virginia, 1607 354
sites in Virginia 840
Monantha vetch, *see* Vetch.
Monarch Cement Co., cement 174
Moncla, La., bridge 401, 488, 518
Monel metal, rates on 180
Money, J. T., standard time zones 100
Money:
circulation in U. S., 1919–30 450
circulation statement, monthly 75, 138, 202, 272, 363, 455, 583, 749, 850, 935, 1010, 1084
handbook of foreign currency 297
values of foreign moneys (formerly values of foreign coins) 72, 269, 577, 932
world's monetary stocks, 1928 and 1929 583
see also Coins, and names of coins—Finance—Paper money—Public moneys.
Money-orders:
conversion tables 348
fees for inquiries 410
instructions to postmasters 569
register of money-order post offices 129
special warning notice 349
stolen money-order forms 66, 129, 194, 195, 261, 349, 441, 442, 568, 731, 835, 836, 924, 998, 1072.
Money Orders Division 129, 569
Mongaup River, report 753
Mongolia, birds collected in 265
Monish, B. H.:
hinge moments of ailerons 725
rolling and yawing moments 1064
Mono-ethyl ether of ethylene glycol 272
Monolith Portland Cement Co., cement 708
Monongahela Bridge Co., bridge 27, 638, 786, 800
Monongahela River:
bridges in—
Pennsylvania 638, 670, 786
West Virginia 27, 638, 786, 800
light list 226
public works, to amend act authorizing 404, 407, 619
Monongahela Valley Association 177
Monroe, La., bridge 401, 407, 488
Montague, E. A., röntgen ray in tuberculosis 140
Montague, L. L., bridge 400, 616, 666

Page

Montana:
bridges, *see* Missouri River.
census, 1930—
agriculture 1030
population 383
unemployment 956
dinosaurian reptiles 356
Federal aid highway system progress map 9
grains 288
growing trees for forest planting 151
Indians, limit on fees to attorneys 616
lands withdrawn—
for classification 196
for classification, revocations (2 entries) 196
petroleum restoration 926
postal service—
mail routes, schedules 732, 836, 1073
post route map 733
power-site restorations 196, 352, 571, 926
public water reserves 351, 571, 1075
purchase of State laboratory 636, 668, 784
roads and national forests 599
Montana Agricultural Experiment Station:
flaxseed production by power farming 288
volume and tonnage of haystacks 1020
Montana Historical Society, silver service 687
Monteith, John, jr., anthracnose 949
Montello Granite Co., granite 115, 178
Montgomery, E. G., per capita food consumption 225
Montgomery, Ala.:
Confederate Veterans' encampment—
attendance of Army Band 504, 524, 615, 744
loan of tents, etc 403, 525, 619
rivers and harbors in district, rp 588
terms of court, to discontinue 682
topographic map of quadrangle 701
Montgomery Cotton Exchange, cotton 113
Montgomery County, Ala.:
land for Maxwell Field 26, 785
soil survey 86
Montgomery Live Stock Exchange, cattle 708
Monthly catalogue, public documents, *see* Government publications.
Monthly check-list of State publications, *see* Check-lists.
Monthly labor review, *see* Labor.
Monthly meteorological summary, *see* Meteorology.
Monthly summary of foreign commerce of United States, *see* Commerce.
Monthly weather review, *see* Weather.
Monticello, Ark., Commercial Loan & Trust Co., relief 624, 662, 778
Montilla, Fernando, relief 21
Montour R. R.:
excess income 44
valuation 717
Montreal, Quebec:
airway map 475
chart of harbor 994
Montserrat, money-order post offices 129
Monuments and memorials, erection in Belgium 266
see also names of monuments and memorials or names of persons in whose honor they are erected—*also* names of places where located.
Mood, James R., foreign currency and exchange 297
Moon, J. W.:
soil surveys—
Hardin County, Tenn 468
Lee County, Ga 284
Menominee County, Mich 212
Moon:
lunar ephemeris for aviators 64
tables, Panama (Balboa), 1931 440
Moon Brothers Manufacturing Co 968
Moore, C. L., time in pulmonary tuberculosis 76
Moore, Clayton F., tariff acts, comparison 233, 658
Moore, Francis J., relief 614, 685
Moore, H. R., chronic acid solutions 99, 230
Moore, J. Earl, bismuth, syphilis treatment 937, 1086
Moore, J. W., Co., slag 715
Moore, Joseph E.:
cutaneous, etc., relapse in syphilis 852, 1011
syphilis and Wassermann reaction 76, 274

Page
Moore, L. C., comnr. of internal revenue *v*. 428
Moore, Reuel S., Amer. Samoan Comn.'s visit. 1028
Moore, Richard C., Kansas City, Mo., dist., rp. 588
Moore, Roger D., trading under laws of Peru. 157
Moore, William E., patent appeal. 610
Moore Cotton Mills Co. 252
Moore Dry Kiln Co.:
dry-kiln trucks. 1055
kilns. 115, 815
Moore Shipbuilding Co. *v.* United States. 333, 1043
Moorehead, M. T., agranulocytic angina. 1011
Moorehead, William A., court case. 916
Moorhead, Minn., coal. 814
Moosa, N. J., reimbursement. 574
Moose Bog quadrangle, Me.-N. H. 701
Mop handles, rates on. 49
Mopsticks, elimination of waste. 485
Moquin, Noah, court case. 1005
Morbidity, *see* Diseases.
Morea, chart. 126
Morearty, Charles B., bridge. 518, 638, 786
Morehead & North Fork R. R., deficit status. 111
Morehouse, Alanson D., construction in D. C. 476
Morey, H. F., climatological chart for Allegheny forest region. 870
Morgan, Agnes F., prunes, vitamin content. 595, 758
Morgan City, La., bridge. 400, 406, 487
Morgan's Louisiana & Texas R. R. & S. S. Co.:
construction and operation. 318
extension. 111
Morley, E. F., & Co., herring. 162
Mororan Ko, *see* Muroran Ko.
Morris, Beulah F., relief. 626
Morris, Charles, *vs.* United States. 969
Morris, H. M., coal, oxidizability, etc. 1035
Morris, John B., Foundry Co. 721
Morris, N., mental concomitants of heart disease. 1086
Morris, Paul I., relief. 626
Morris Ferry, bridge across Little River. 26
Morrison, B. Y.:
dahlias for the home. 764
roses for trellises. 89
Morrissey, Charles T., & Co. 42, 1046
Morrissey, F. B., blood pressure. 585
Morrissey, schooner:
sea surface temperatures obtained. 995
Morristown, N. J., bronze cannon. 505
Morristown, Tenn.:
Chamber of Commerce—
coal. 901
Morrow, Dwight W. (Senator from N. J.):
report made by—
Military Affairs Com. 683
Morse, Leslie W., relief. 511, 515, 780
Morse, W. J.:
cowpeas utilization. 287
velvet bean. 1026
Morsey, Wilhelmine, fee for attorney. 843
Morsman, Edgar M., jr., admr., court case. 122, 555, 558
Mortality, *see* Death.
Mortar:
and brick, durability, etc., of bond. 775, 965
insulating, American marine standard. 99
Mortgages:
foreclosure in D. C., to regulate—
hearings. 674, 793
report. 674
sale of mortgage bonds on D. C. property—
hearings. 674
report. 674
Morton, Edmund R., patent appeal. 773
Morton Nursery site in Nebraska:
to sell—
hearings. 622
reports. 512, 622
Mosaic disease:
el dominio del mosaico de la caña de azúcar en el campo cubano. 260
Mosaic Tile & Marble Co., Inc., tile. 322
Mosby, George L., psychological factors in psychopaths. 274
Moser, Charles K., Far East. 480
Moses, George H. (Senator from N. H.):
reports made by—
Conference Com. 394
Post Offices and Post Roads Com. 410
Moses-Rosenthal Co. 333
Moskey, H. E., veterinary drug labels. 215

Page
Mosquitoes:
remedies and preventives. 285
toxicity of nicotine, etc., to larvae. 147, 214
Moss, Robert G., relief of widow. 685, 780
Moss, T. J., Tie Co. *v.* Lydia Tanner, etc. 823
Mossamedes Bay, *see* Little Fish Bay.
Mosses, rates on. 713
Mossman, Paul D., trachoma. 365, 851
Most-favored-nation agreements, *see* Commercial treaties.
Mother Lode carbonaceous slime tailings. 298
Mothers:
mortality in registration area, 1929. 364
statue in honor of the American mother. 682
welfare and hygiene—
administration of act of 1921. 723
exhibits and pubs. of Children's Bur. 723
hearings on S. 255 and H. R. 12995. 882
minority views on S. 255. 636
reports on S. 255. 636, 656, 791
seven years of maternity act. 723
working mothers in Philadelphia. 723
Moths, *see* Clothes-moths—*also* names of moths.
Motion Picture Division, Foreign and Domestic Commerce Bur. 225, 877, 960
Motion pictures:
American pictures, small island markets. 960
copyrighted. 58, 124, 255, 562, 827, 918, 991
copyrighted, index, etc., 1930. 991
customs appeal. 889
el cinematógrafo parlante. 347
same (in Portuguese). 567
European industry in 1930. 960
film strips of Agriculture Department. 213, 284
films of Mines Bureau. 227, 387
in China. 225
in Mexico, Central America, etc. 877
Motor-boats:
mail contracts, power-boat routes. 349
markets. 386
regulation. 767
Motor-buses, *see* Motor-vehicles.
Motor-cycles, specifications, etc. 849
see also Motor-vehicles.
Motor League of Louisiana:
ruins of Fort Macomb—
hearings. 506
law. 615
reports. 505, 525
statement. 506
Motor roads, *see* Roads.
Motor Snap Co., rp., etc., of Fed. Trade Comn. 698
Motor Supply Co., automobile-tire chains. 173
Motor-trucks:
cooperação entre estradas de ferro e auto-caminhões nos Estados Unidos. 65
purchase of parts by Post Office Dept. 27
see also Automobiles—Motor-vehicles.
Motor Vehicle Service Division, mechanics' helpers, salaries. 27
Motor-vehicles:
automotive market in—
Brazil. 296
British Malaya. 385
Chile. 296
Paraguay. 224
bus lines affiliated with electric rys. 603
convention on traffic regulation. 346
fares for school children in D. C.—
hearing. 408
law. 783
reports. 408, 620
Government supplies. 849, 1084
instructions for exporters and brokers. 479
regulation of carriers on highways. 523
regulations, etc., in foreign countries. 385
traveling expenses on mileage basis. 619
world census, Jan. 1, 1930. 96
see also Automobiles—Motor-cycles—Motor-trucks.
Motorways, *see* Roads.
Mott, Marshall L., *v.* United States. 54, 333, 429, 1079
Mottled enamel in segregated population. 364, 851
Moulton, G. F., Carbon, etc., counties, Mont. 166, 810
Mound City, Ill., bridge. 502, 670, 786
Mound City & Eastern Ry., securities. 171

Page

Mounds, of Calusa Indians of Florida 840
see also Kitchen-middens.
Moundsville, W. Va., bridge 638, 787, 800
Moundsville Bridge Co., bridge 638, 787, 800
Mounsey, Elizabeth, fee for attorney 134
Mount, Edward H., *v.* comnr. of internal revenue 823
Mount, *see* name of mountain.
Mount Baker National Forest, lands 1075
Mount Evans, Greenland, observing weather 1027
Mount Hood National Forest 3
Mount Hope, W. Va.:
United States *v.* Bank of Mount Hope 323
Mount Jefferson quadrangle, Oreg 167
Mount McKinley National Park, information 811
Mount Rainier, *see* Mount Rainier National Park—*also* headings beginning Rainier.
Mount Rainier National Park:
general information circular 1049
publications for sale by supt. of docs 974
to extend boundaries 510, 529, 617
Mount Rushmore National Memorial Commission 434
report, Nov. 1929–Oct. 1930 434
Mount Rushmore Reservation, creating 693
Mt. Vernon, Iowa, precipitations, 1929–30 473
Mt. Vernon Car Manufacturing Co 307, 555, 888
Mount Vernon memorial highway, to amend act 524
Mountain Branch, Soldiers' Home, *see* National Home for Disabled Volunteer Soldiers.
Mountain-laurel, stock-poisoning plant 372
Mountain pine beetle, control by solar heat 86
Mountain Valley Water Co., drums 114
Mountains, *see* names of mountains.
Mountford, Arthur H., occupational therapy 585
Mountin, Joseph W.:
health services, Alameda Co., Calif 456, 935
public health, Knoxville, Tenn. (2 entries) 1010
training of health officers 273, 583
Mouse River, *see* Souris River.
Mouser, Grant E., jr. (Representative from Ohio):
report made by—
Pensions Com 652
Mouth:
tropical influence on oral disease 61
tuberculous ulcer of mouth 274
Mouthpieces for pipes, etc., production costs 1080
Moving pictures, *see* Motion pictures.
Moyer, A., & Co., hides 178
Moyer, LeRoy, relief 494
Moznette, G. F., insects of pecan 468
Mucilage, standard stock catalogue 270
Mud floods in Utah 290
Mud River, preliminary examination, rp 1013
Mueller, E. F., surface temperatures 230, 391
Muirhead, Georgia A., relief 515, 780
Mulas, Port, chart 385
Mulcahy, Timothy J., relief 21
Mules:
fewer than replacement needs 5
rates on 905
silage for mules 213
statistics 84
Mulford, Furman L.:
herbaceous perennials 288
horticultural exhibitions 217
planting the roadside 600
roses for the home 1025
roses of everblooming habit available 89
Mulkaren, Patrick J., relief 780
Mullen, John C., bridge 502, 670, 786
Muller, H. J., heritable variations 354
Multiple sclerosis, with case report 274
Munch, James C.:
red-squill powder in rat control 468
thallium, use in rodent control 863
Mung bean, changes in phosphorus content 465, 466
Munhall, Joseph K., relief 21
Municipal center in District of Columbia 578
Municipal Paving & Construction Co 114
Municipalities, *see* Cities and towns.
Munising, Marquette & Southeastern Ry., valuation 908
Munitions, exportation to Brazil prohibited 264
Munroe, Helen, Smithsonian publications 1077

Page

Munsell, Hazel E., vitamins in food 1023
Munson Steamship Line, Unites States *v* 556, 930
Muntok Road, chart 920
Murchison National Bank, *v.* Gilliam Grissom 913
Murdeira Bay, chart 994
Murdoch, F. F., sterile blowfly larvæ 1066
Murdock, Harry, United States *v* 913, 1003
Muroran Ko, chart 833
Murphy, Frank (Representative from Ohio):
reports made by—
Appropriations Com 490
Conference Com 619
Murphy, J. R., land patent 692, 780
Murphy, Lucy, relief 494
Murphy, Matthew E., relief 21
Murphy, T. F.:
birth, stillbirth, etc., statistics, 1928 221
information on occupations 93
mortality statistics, 1928 293
physicians' pocket reference 1031
Murphy, Thomas, relief 780, 802
Murphy, Thomas, *v.* United States 122
Murphysboro Paving Brick Co 707, 1054
Murray, Arthur, School of Dancing 807
Murray, R. S. E.:
electrocardiography 203
use of uroselectan in urography 585
Murray, Thomas E., patent appeals 228, 299
Murray, Thomas E., jr., patent appeal 879
Murray, William S., relief 664, 780
Murray and Thregurtha plant, *see* National Motors Corporation.
Murray Company, cotton-gins 544
Musa Bay, chart 875
Muscadine grapes, home utilization 471
Muscle Shoals:
operation of Govt. properties, etc.—
reports 621
veto message 838
see also Wilson Dam.
Museum-collections, standard stock catalogue 744
Museums, *see* names of museums.
Mushrooms:
common, and how to know them 868
diseases and their carriers 217
Music:
chamber, Library of Congress festival 918
education, 1928–30 809
Federal standard stock catalogue 932
musical compositions copyrighted 58, 190, 255, 342, 434, 562, 827, 918, 991, 1063
index, etc., 1929 255
index, etc., 1930 991
Winnebago, Chippewa, and Pueblo Indians 840
Music Division, Library of Congress 562, 918
report, 1929–30 562
Musical instruments:
customs appeals, Soy Kee & Co 40
Federal standard stock catalogue 932
Muskingum County, Ohio, soil survey 86
Muskogee Iron Works, iron 115
Musselman type airwheels, tests 1064
Mussels:
blood under normal and adverse conditions 606
fresh-water mussels, annual growth 771
Mustard, prepared, standard stock catalogue 1082
Mutton:
grades, standards 759
slaughtering and use 467
see also Sheep.
Mutual Life Insurance Co. of New York 968
Mutual Trust Life Insurance Co. *v.* U. S 412
Muus, J. H., relief 21
Myatt, Lawrence L., to reinstate 687
Mycobacterium tuberculosis 1021
Mycology, see Fungi.
Myers, Joseph E., relief (retirement) 648, 685
Myers, Lee Roy, Co., cans 352
Myers, Nathaniel, case of executor 1043
Myers, Roy, *v.* United States 1061
Myers, Thomas F., relief 494, 520, 780
Myles Salt Co., Ltd 913
Myocardial impairment 937
Myomalacia cordis, with report of case 76
Mystery of life 354
Mystic Iron Works, cast-iron 113

N Page

N. A. C. A. 81-J wing, *see* Airfoils.
N. A. C. A. superchargers, *see* Engines.
N. P. L. airfoil, *see* Airfoils.
Naas Bros. Fruit Co., peaches 181
Nagoya Ko, chart 921
Nagoya Naiko, chart 921
Naikai Sea, chart 63
Names:
decisions of Geographic Board 42, 105, 240, 417, 699, 890, 971, 1046
diseases and injuries, nomenclature 436
Nycteribia and Spinturnix, nomenclature 584
ordnance, standard list 79, 143, 206, 278, 368, 460, 461, 592, 754, 856, 942, 1014, 1015, 1089
Nangka Islands, chart 920
Nansemond River, chart 12
Nantucket County, Mass., soil survey 85
Nantucket Sound, anchorage grounds 78
Napa, Calif., lands for water supply 27
Naphtha, rates on 116
Naphthalene, rates on 116, 249
Narcotics:
abusive use of narcotic drugs in Egypt 139
conference in Washington, D. C.—
requirements in U. S., proceedings 273, 935
Conference on Limitation of Manufacture of Narcotic Drugs—
estimate 846
Foreign Affairs Committee report 631
resolutions of Congress 789
State Department report 574
control and drug addiction treatment 935
court decisions under Harrison law 1010
decisions, weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
dispensation in Virgin Islands, rules 445
enforcement of laws, extract from rp 749
law violation, deportation of aliens—
hearing 521
law 783
report 677
law violation, to pay for information 27
traffic in dangerous drugs—
1929 272
1930 1010
with respect to P. I., July-Dec. 1928 272
see also names of narcotic drugs.
Narcotics Bureau 1010
amend act creating 30
Narragansett Bay:
anchorage grounds 78
charts 12, 156, 478
Nash, Roy, Seminole Indians 797
Nash, W. F., relief 615
Nash-Breyer Motor Co 429, 913, 1005
Nashi pictographic manuscripts 561
Nashville, Tenn.:
airway maps 872
Conference on Rural School Supervision in Southern States 106
rivers and harbors in district, rp 588
Nashville, Chattanooga & St. Louis Ry.:
rates on—
barytes 706
lead-pencils 816
linseed-oil 816
lumber 905
paper 816
valuation 185
Nashville Industrial Corporation 532
Nason, Wayne C., rural planning 946
Nassau Harbor, chart 566
Nassau Smelting & Refining Works, Ltd 1053
Nather, Fred B., transposition of viscera 140
National, *see* certain headings beginning Federal—Government—National.
National Academy of Sciences 918, 991, 1064
memoirs 991
report, 1929–30 918
National Advisory Committee for Aeronautics 59, 125, 190, 255, 344, 434, 562, 725, 828, 918, 991, 1064
report, 1929 59
report, 1930 434, 1064
National Advisory Council on School Building Problems 106
National Advisory Loan Committee 862

Page

National arboretum:
appropriation—
hearings 489, 882
report 622
National Art Gallery, *see* National Gallery of Art.
National Association of Chewing Gum Manufacturers and Allied Trades 175
National Association of Furniture Manufacturers 903
National Association of Postmasters, address of Frederic A. Tilton in part 348
National Association of Retail Meat Dealers 308
National bank notes, outstanding 74, 136, 201, 271, 362, 454, 582, 747, 849, 933, 1008, 1083
National Bank of Switzerland, report, 1930 970
National banks:
capital stock 74, 136, 201, 271, 362, 454, 582, 747, 849, 933, 1008, 1083
condition, abstract of reports 136, 362, 747, 1008
condition, individual statements 1083
consolidations 933
duties and liabilities of directors 454
national bank act and other laws 454
reparation bonds, purchase prohibited 31
security for deposits of public funds 27
State taxation—
hearings 623
report 661
survey of national banking system 797, 884
trust operations in 1930 581
trust powers, regulations 309
trust powers, right to surrender 27
see also names of banks or names of places where located.
National Ben Franklin Fire Insurance Co 515, 626
National Board for Promotion of Rifle Practice 79, 460, 754
report, 1930 460
National Botanic Garden 659
supplemental estimates 659
National Brick Co., petroleum 714
National Broom Manufacturing Co., brooms 543
National budget, *see* Budget.
National Capital, *see* District of Columbia—National Capital Park and Planning Commission—Public Buildings and Public Parks of National Capital Office.
National Capital Park and Planning Commission 435, 563
report, 1930 435
supplementary technical data 563
National cemeteries, regulations 1090
see also names of cemeteries.
National City Bank of New York, exr 985
National Commission of Fine Arts, *see* Fine Arts Commission.
National Commission on Law Observance and Enforcement 256, 563, 828, 992, 1065
criminal statistics, report 828
manuals 256, 992
prohibition laws, enforcement—
report 563
to print additional copies of report 508
prosecution, report 1065
see also Wickersham, George W.
National Committee on Wood Utilization:
American pitch pine and its uses 960
camp and cottage equipment 11
el pino Douglas Americano 225
furniture, its selection and use 871
how to judge a house 474
light frame house construction 414
publications on lumber 1035
National Concrete Metal Forms Corporation 184
National Conference on Merchant Marine:
proceedings, Apr. 23 and 24, 1930 131
proceedings, Jan. 21 and 22, 1931 927
National Conference on Uniform Aeronautic Regulatory Laws, proceedings, Dec. 16 and 17, 1930 475, 767
National Conference on Vocational Rehabilitation, program, Oct. 6–9, 1930 238
National Conference on Weights and Measures:
23d conference, 1930, report 776
24th conference, 1931, program 965

Page

National Congress of Vocational Agricultural Students, announcement 163
National Consumers Paper Corporation 321
National Council of Intellectual Cooperation for United States:
appropriation for headquarters—
committee report 630
hearing 793
State Department report 738
National defense, *see* Army—Navy.
National Drought Relief Committee 891
National Dry Dock & Repair Co., Inc. 515, 626, 780
National economic interdependence:
dependencia mutua internacional en asuntos económicos 730
same (in Portuguese) 996
National Education Association of United States, address by U. S. Grant 3d. 1041
National Equipment Co. *v.* United States 187
National Fire Insurance Co. *v.* United States 333
National fire prevention week, 1930 196
National Fire Protection Association 149
National Forest Reservation Commission 405
report, 1930 405
National forests:
areas, June 30, 1930 375
attention motorists 215
how national forests benefit Calif. 87
in Montana and northern Idaho 599
instructions for sheep herders, etc. 215
manual, 1926, amendments 599
map 536
motorways, East and South 1024
road and information map, Oregon 867
roads and trails, improvement 218
use and occupancy of forest lands—
hearing 622
report 660
vacation in national forests 7, 763
what they mean to intermountain region 375
your vacation land, prevent fires 470
see also Forests and forestry—*also* names of national forests.
National Gallery of Art 355, 573, 840
report, 1930 573
National Geographic Society's Central-China Expedition, birds collected 265
National Guard:
arming, equipping, and training, 1930 586
camp site in Mississippi 505
camp sites, etc., in South Dakota 686
enlisted men, regulations 206, 591
of Indiana, Mexican border service 663, 795
officers, regulations 460, 856
official register, 1930 459
publications for sale by supt. of docs 534
regulations 206, 368, 460, 591, 753, 856, 942, 1014
to amend national defense act—
hearings 161
reports 403, 647, 802
training, changes in regulations 368
see also Pay, National Guard.
National herbarium:
contributions from 841
title-page, contents, etc., for v. 24 841
National Home for Disabled Volunteer Soldiers 60, 852
board of managers—
proceedings 60, 852
report, 1930 852
branch homes—
Biloxi, Miss 675
Mountain Branch, construction 27
northwest Pacific States 27
Southern States 27
civil-service status for employees 1000
consolidation of veterans' activities—
Executive order 69
law 29
National Home for Lepers, Carville 584, 936
National Hydraulic Laboratory 35, 883
National Industrial Alcohol Co., Inc. 71, 556, 844
National Institute of Health 273, 584, 750
research associates, civil serv. rules 735
successor to Hygienic Laboratory 273
National Law Observance and Enforcement Commission, *see* National Commission on Law Observance and Enforcement.

Page

National Leper Home, *see* National Home for Lepers, Carville.
National Medical Association 583
National monuments:
glimpses of our national monuments 244
map 536
see also names of national monuments.
National Mortar & Supply Co.:
dolomite 903
limestone 49
National Motor Car & Vehicle Corporation 412
National Motors Corporation 22
National Museum 132, 198, 265, 356, 446, 573, 737, 840, 928, 1002, 1077
collections, *see* special subjects.
Natural History Building—
dome reinforcement, strain 612, 776
to extend 27
proceedings—
v. 76, title-page, contents, etc. 198
v. 77, separates 132, 265, 356, 447
v. 77, title page, contents, etc. 1002
v. 78, separates 198, 265, 356, 447, 573, 737, 840, 841, 928, 929, 1002
v. 79, separates 841, 928, 1002, 1077
report, 1930 447
see also Wetmore, Alexander.
National Negro Business League 583
National Negro health week 583
poster 583
National Negro Insurance Association 583
National Paper Box Co., cores 902
National Park Service 244, 420, 538, 702, 810, 894, 973, 1049
estimate 579
report, 1930 420
National parks:
approaches, to provide for 410, 529, 618
glimpses of our national parks 244
map 536
publications for sale by supt. of docs 105, 890
uniform administration 510, 617
see also names of parks.
National Petroleum Association, coal 48
National prohibition act, *see* Prohibition.
National Recreation Association 891
National Refining Co., petroleum 117
National Remedy Co. *v.* Secretary of Agric. 188
National Research Council 1064
report, 1930 1064
National Rifle Association of America 79
National Slag Co. *v.* comnr. of internal revenue 334
National Social Service Conference of Chile: Conferencia de Serviço Social no Chile 835
National Society of Daughters of American Revolution 841
report, Mar. 1, 1929–Apr. 1, 1930 841
see also Maryland Society, D. A. R.
National Society United States Daughters of 1812:
property, exemption from taxation 629, 674
to make annual report to Smithsonian 409
National soldiers' homes, *see* National Home for Disabled Volunteer Soldiers—Soldiers' and sailors' homes—Soldiers' Home, District of Columbia.
National Straw Works 252
National Supply Co., Midwest, boilers 900
National Surety Co.:
relief 21
v. Charles H. Holtzman 429
v. United States 334, 1043
National Tank & Export Co. 913
National Zinc Co., Inc. 907
National Zoological Park 573
estimate 741
report, 1930 573
Natural Bridge National Forest 599
Natural gas, *see* Gas (natural).
Natural History Building, *see* National Museum.
Natural resources, *see* Conservation.
Natural wonders, publications for sale 105, 890
Naturalization:
certain aliens 617
instructions to clerks of courts, etc. 254
oath of allegiance, permit reservations 966

Naturalization—Continued. Page
of married women—
consular regulations, art. 10 amended. 1000
hearings 632
laws 25, 29, 786, 1078
reports 632, 791
posting notices of petitions 678, 786, 791
publications for sale by supt. of docs 417
regulations for Coast Guard 453
Naturalization Bureau 124, 254, 433, 827, 1062
report, 1930 433
traveling expenses, etc 620, 784
Nature study, reading course 106
Naturopathy, to clarify definition 497, 630
Nautical almanac, *see* Almanacs.
Nautical Almanac Office 64, 438, 1069
Nautical astronomy, *see* Navigation.
Navajo Indians:
crania in National Museum collections 929
lands for benefit, relinquishments 634
Navajo Reservation, land 522, 654, 786
Naval Academy, Annapolis 346, 1069
address of Ernest L. Jahncke 1069
admission of candidates, regulations 564
all 1931 graduates to be line officers 652
board of visitors, report, 1931 1070
examination papers for admission 1066
register, 1930–31 346
tablet to commemorate S-4 victims 30
water supply 1066
Naval Academy Band, adjusting grades, etc 617, 687
Naval Affairs Committee, House:
calendar 101, 506, 795
reports 33, 403, 506–508, 650–652
Naval Affairs Committee, Senate:
calendar 38, 410, 526, 687
reports 39, 410, 525–527, 687–688
Naval Air Station, Seattle, additional lands 27
Naval Air Station, Sunnyvale:
lighter-than-air base—
estimate 744
law 617
reports 403, 687
Naval Ammunition Depot, Hawthorne 829
Naval aviation, *see* Aeronautics.
Naval aviators, *see* Aviators.
Naval Communication Service 125, 726
Naval conferences, *see* Disarmament.
Naval courts, *see* Courts-martial and courts of inquiry.
Naval directory, *see* Navy.
Naval districts, boundaries 1069
Naval education:
Navy training courses 343, 564, 829, 992, 993
yearbook of enlisted training 727
Naval engineering, *see* Marine engineering.
Naval establishment, *see* Navy.
Naval hospitals:
District of Columbia, public works 688, 786
Philadelphia, Pa., construction 617, 688
Naval Intelligence Office 1066
Naval medical bulletin 60, 256, 436, 829, 1066
index to v. 28 256
Naval Observatory 438, 729
publications 729
report, 1930 438, 828, 829
time service 93
Naval Operations Office 436
report, 1930 436, 828, 829
Naval petroleum reserves:
conservation, care, etc 33
protection of U. S. interests, estimate 578
topographic map of reserve no. 1, Calif 420
Naval radio stations, *see* Radio stations.
Naval Records and Library Office 1066
Naval reservations, *see* Naval petroleum reserves—*also* names of reservations and places where located.
Naval Reserve:
interior control manual 256
officers, directory 125, 343, 727, 993
officers, register, 1931 1066
training student aviators, syllabus 992
see also Fleet Naval Reserve.
Naval stations:
accounting numbers 127
commandants, memoranda for 64, 127, 193, 259, 439, 567, 730, 922, 1070
index to v. 15 1070
Naval stations—Continued. Page
general safety rules 127, 729, 730, 834
see also Radio stations—*also* names of places where located.
Naval stores:
enforcement of act 469
notice of judgment under act 1023
pine tree treasures 866
rates on 249
specifications, index 64, 259, 567, 922
see also Gums and resins—Turpentine.
Naval Stores Corporation of New York 709
Naval supplies:
cognizance of material 563, 564
specifications, index 64, 259, 567, 922
see also names of special supplies.
Naval training, *see* Naval education.
Naval vessels, *see* War-ships.
Naval War College, Newport 727
public works 507, 688, 786
Navarrete, Julio B., Santiago-Buenos Aires airway 601
Navarro County, Tex., soil survey 373
Navassa Island, light list 608
Navigable waters:
information circular relative to work 1088
protection of watersheds, Weeks law 1024
protection and preservation, to amend act—
hearing 655
report 795
safety of life during regattas, etc 872
see also Harbors—Lakes—Rivers—Sounds (bodies of water).
Navigation:
American practical navigator 343
tables from 1067
earthquake seamanship 192
finding courses, supplementary method 63, 921, 922
navigational examples 566
position tables 993
radio aids 257
radio weather information for Gt. Lakes 871
sailing directions, west coast of India 920
Sumner line of position 565
surveys, rp. of chief of engineers, Army 589
see also Commerce—Great circle sailing.
Navigation (aerial), *see* Aeronautics.
Navigation Bureau, Commerce Dept 14, 97, 158, 227, 298, 388, 481, 609, 878, 962, 1036
report, 1930 298
Navigation Bureau, Navy Dept 61, 125, 191, 256, 343, 436, 564, 727, 829, 919, 992, 1066.
circular letters 919, 1066
manual, changes 256
report, 1930 436, 828, 829
Navy:
accounting numbers 127, 995
acts, etc., relating to, 71st Congress 342, 1065
anesthesia, requirements for Navy needs 1066
appropriations for naval service, 1932—
estimates 451, 742
hearings 661, 882
law 786
reports 621, 623, 661
court-martial orders 60, 125, 191, 256, 435, 726, 992, 1065
directory 125, 343, 727, 993
enlisted men—
number of aviation pilots 650
relief when enlisted Jan.-Apr. 1917 527, 652
training courses 343, 564, 829, 992, 993
foreign officers serving with 125, 343, 727, 993
George Washington celebration clip sheet 1041
gravity expedition, 1928 93
gunfire deafness in Navy 256
in peace time 563
officers—
commanding ships, memoranda for 64, 127, 193, 259, 439, 567, 730, 922, 1070
index to v. 15 1070
decorations, etc., from foreign Govts 526, 651
directory 125, 343, 727, 993
distribution and promotion, hearing 657
distribution and promotion, law 786
distribution and promotion, report 656
in District of Columbia, Oct. 1, 1930 343
midshipmen of 1931 class, appointment 652
register, 1931 912
relief of certain officers 659

Navy—Continued. Page
pensions, *see* Pensions.
prohibit recovery of indebtedness to U. S. 645
publications, Government 1047
register, 1931 919
regulations, changes 992
regulations, indexes 992
student aviators, syllabus for training 992
training courses, *see* above, enlisted men.
travel instructions, 1929 346
changes 346
uniform regulations, 1922, changes 1065
see also Pay, Navy—Recruiting and enlistment—Retired list, Navy—Warships, and names of war-ships—*also* certain headings beginning Naval—Navy—*also* names of special branches of the service.
Navy and Army Joint Board, *see* Army and Navy Joint Board.
Navy Commissioners Island, land 618, 692
Navy Department 60, 125, 191, 256, 342, 435, 563, 726, 828, 919, 992, 1065
accounting numbers 127, 995
acts, etc., relating to, 71st Congress 342, 1065
aircraft purchased, report 435
appropriations, 1931—
estimate 846
appropriations, 1932—
estimates 451, 578, 742, 846
hearings 661, 882
law 786
reports 621, 623, 661
claims against for collisions 435, 726
orders, general 256, 342, 563, 726, 828, 919, 992, 1065
report of Secretary of Navy, 1930 828, 829
reports, 1930 435, 828, 829
telephone directory 125, 726
useless papers 803
see also certain headings beginning Naval.
Navy directory, *see* Navy.
Navy emergency officers' retired list, *see* Emergency officers' retired list.
Navy Nurse Corps, *see* Nurse Corps, Navy.
Navy Recruiting Bureau, *see* Recruiting Bureau, Navy Dept.
Navy register, *see* Navy.
Navy training courses, *see* Naval education.
Navy Yard Division 127, 729, 834
Navy yards, general safety rules 127, 729, 730, 834
see also names of navy yards.
Nawiliwili Bay, chart 478
Naylor, Lottie, relief 626
Neaf, Mary, relief 685, 780
Neal, Paul A., goiter in Northern Ireland 273, 850
Neal, W. M.:
bovine skeletal samples 595, 757
calcium ratio in bones of cattle 595, 757
Neal Gravel Co., sand 907
Near, J. M., court case 1079
Near Eastern Affairs Division, State Dept 738
Near Eastern series 738
Nebel, Louis, & Son, relief 21
Nebo quadrangle, Ill.-Mo 420
Nebraska:
Blue River system in regard to fish 770
census, 1930—
agriculture 874, 956
population 222, 874
unemployment 874
Federal aid highway system progress map 869
Governor—
Abie State Bank *vs* 844
mail routes, schedules 262, 443, 732, 925, 1073
post route map 733
Secretary of Agriculture—
William Miller *vs* 358
Senatorial campaign expenditures—
hearings 102, 234, 803
report 803
summary of evidence 803
Nebraska Agricultural Experiment Station:
quality of alfalfa hay 867
volume and tonnage of haystacks 1020
Nebraska City, Nebr., bridge 27
Nebraska City Bridge Co., bridge 27
Nebraska University:
Conservation and Survey Division—
Clay County soil survey 760
Franklin County soil survey 761
Nebraska University—Continued. Page
Conservation and Survey Division—Con.
Hamilton County soil survey 864
Keith County soil survey 150
Necessity, Fort, battle commemoration 505, 685, 786
Neck, surgery, blocking of cervical plexus 274
Needles, dental hypodermic 302
Needles Rocks Wild Life Refuge, to establish 399
Negotiable instruments, *see* Bankers' acceptances—Bills of exchange—Checks—Drafts — Notes — Trade acceptances—Warrants.
Negro Business League, *see* National Negro Business League.
Negro Conference, Annual Tuskegee, *see* Tuskegee Negro Conference.
Negro Insurance Association, *see* National Negro Insurance Association.
Negroes:
education, statistics, 1927–28 700
land-grant colleges 536
national Negro health week, Apr. 5–12 583
same, poster 583
publications concerning, for sale 417
syphilis, control in Pitt County, N.C. 365, 584
tryparsamide therapy of neurosyphilis 937
Neil, J. H., Creamery Co. *v.* U. S. 968, 986
Nelson, E. G., melanoma, report of case 937
Nelson, E. M.:
vitamin D in menhaden fish oils 875
vitamins in sugarcane juice, etc 371, 373
Nelson, E. W., raccoons from keys of Florida 70
Nelson, I. H., petroleum 14
Nelson, J. W., relief 21
Nelson, John E. (Representative from Me.):
individual views—
Communist Propaganda in United States, Special Committee to Investigate 496
report made by—
Interstate and Foreign Commerce Com 501
Nelson, John M. (Representative from Wis.):
reports made by—
Invalid Pensions Com 402, 503, 642
Nelson, O. A., insecticidal value of pyrethrum 87
Nelson, Olaf, relief 18
Nematode worms:
fauna of slime flux of poplar 209, 288
in—
belted kingfisher, new genus, etc 1077
birds economically important 283
poultry, pathological conditions 149
poultry and game birds 863
sage grouse, new species 1077
nemas causing plant galls controlled 88
new genera and species 841
predacious nemas 209, 288
see also names of worms.
Nenana, Alaska, lots for Alaska R. R 195
Neoarsphenamine:
anhematopoiesis following 436
trypanocidal, etc., activities 75, 364
Neodiplogaster pinicola 3, 152
Neosalvarsan, dermatitis exfoliativa following 829
Nephrosis 1011
Nervous system:
liver feeding, neurological conditions 585
psychoneuroses, neurological findings 1086
see also Neuropsychiatric diseases—*also* names of diseases of nervous system.
Ness, Charles, patent appeal 159
Neth, George J., patent appeal 299
Netherland East Indies, *see* Malay Archipelago.
Netherlands:
arbitration treaty with U. S 133
income tax on shipping profits 447
Nets, *see* Fish-nets.
Neufchâtel cheese, *see* Cheese.
Neumann, Frank, seismological reports 384, 605
Neuritis, alcoholic, simulating rheumatic fever 1011
Neuro-syphilis, *see* Syphilis.
Neuropsychiatric diseases:
craft work as occupational therapy 853
future incidence among ex-service men 76
hospitalized ex-service man 852
in practice of medicine and surgery 1011
library activities in hospital 585

Page

Neuropsychiatric diseases—Continued.
nursing, outline of postgraduate course 366
observations, some neuropsychiatric 585
reading motivation among patients 366
see also names of diseases.
Neurosyphilis, *see* Syphilis.
Neva Strait, chart 478
Nevada:
archeological reconnaissance 840
Arizona *v.* (waters of Colorado R.) 550, 819, 1004
census, 1930—
agriculture 874, 956
population 222, 874, 956
unemployment 956
Federal aid highway system progress map 870
lands, withdrawal for resurvey 927
map 419
postal service—
mail routes, schedules 67, 263, 443, 732, 1073
post route map 733
public water reserves 571, 926
public water restoration 735
Nevada Agricultural Experiment Station 1020
Nevada Northern Ry.:
excess income 44
rates on forest products 710, 1055
Nevada University, copper, etc., in cyanidation 772
Nevin, William L., exr., court case 558, 723
Nevins Fruit Co., Inc., citrus fruit 978
Nevis Island, money-order post offices 129
Nevius, Marian B., census of manufactures, 1927 92
New, Andy, jr., trustee, Joseph B. Straton *vs.* 1004
New Bedford, Mass.:
anchorage grounds in outer harbor 78
chart of harbor 156
New Bern, N. C., post office, etc 653, 690
New Boston, Ill., bridge 637, 669, 786
New Castle, Pa., bridge 636, 668, 785
New Castle Lime & Stone Co., limestone 980
New Departure Manufacturing Co. *v.* U. S. 236
New Dorp lane, New York City, land cession 393
New England:
cod, life history 156
fisheries, 1929 960
fishing vessels, landings 95, 156, 224, 295, 479, 606, 770, 771, 875, 1034
flood of Nov. 1927 107
foreign trade survey 608
light list 877
New England Milk Rate Committee, milk 49
New England Mutual Life Insurance Co. *v.* U. S. 334
New England Waste Co., hosiery scraps 711
New Guinea, charts 565, 728
New Hampshire:
bridge, *see* Little Bay.
census, 1930—
agriculture 476, 604
population 93, 383, 768, 956
chart 478
mail routes, schedule 130
post route map 733
New Haven Harbor, chart 770
New Jersey:
as bibliothecas circulantes nas escolas ruraes 128
same (in Spanish) 194
census, 1930—
agriculture 768, 1030
population 293, 957
charts 156, 770, 1033
child labor 559
Conservation and Development Department—
Bergen area soil survey 597
Camden area soil survey 864
Federal aid highway system progress map 378
first-order leveling 604
mail routes, schedule 570
post route map 733
Senatorial campaign expenditures 693
vs. New York State and City 1004, 1079
New Jersey Agricultural Experiment Station 864
New London, Conn., *see* Coast Guard Academy, New London.
New Martinsville, W. Va., bridge 401, 618, 671

Page

New Mexico:
census, 1930—
agriculture 957, 1030
population 383, 957
unemployment 957
citizens, damages not reimbursable 494
Corporation Commission—
lepidolite 904
court cases—
Arizona *v.* (waters of Colorado R.) 550, 819, 1004
vs. Texas 930
Engineer—
geology, etc., of Sandoval Co., N. Mex 892
Mimbres Valley water supply 701
Federal aid highway system progress map 951
Indians, studying 840
lands—
coal land restoration 927
withdrawal for resurvey 264, 352, 571, 735
withdrawal for resurvey, revocation 131, 352, 444, 838
nitrate deposits, southwestern N. Mex 810
postal service—
mail routes, schedules 262, 569, 925
post route map 733
power-site restoration no. 454 444
public water reserve no. 133 351
public water restoration 927
Rio Grande compact with Colo. and Tex 28
squall lines 473
New Mexico Agricultural Experiment Station 864
New Mexico & Arizona R. R., abandonment 898
New Mexico College of Agriculture and Mechanic Arts, seed from sugar beets 764
New Milford school dist. no. 123, relief 34
New Orleans, La.:
convention of Disabled Amer. Veterans 488
convention of Spanish War Veterans 507, 687, 785, 790, 846
Joint Traffic Bureau—
rice 715
New Orleans Public Service, Inc., *vs.* 359
rivers and harbors in district, rp 588
weighing charges, etc., of cars 184
New Orleans, U. S. S.:
loan of silver to Louisiana State Museum 26
New Orleans & Northeastern R. R 117
New Orleans Export Co., Ltd 113
New Orleans Great Northern R. R 171
New Orleans Public Belt R. R 705
New Orleans Public Service, Inc 359
New reclamation era 44, 108, 168, 244, 315, 421, 538, 702, 811, 894, 974, 1050
index to v. 21 421
New South Wales:
Royal Commission on Coal Industry—
extracts from report 796
New York & Pennsylvania Ry., deficit claim 172
New York Central R. R.:
abandonment 172
as lessee—
Elder Manufacturing Co. *v.* 176
Metropolitan Coal Co. *v.* 113
bonds 898
demurrage 48, 248
equipment trusts 46, 813
mail routes, schedules 570, 732, 999, 1073
misrouting 116, 180, 816 (2 entries)
rates on—
brass 543
celery 424
cement 543
garbage tankage 545
lumber 179, 546
meat 905
paper-winding cores 547
railroad ties 182
titanium tetrachloride 908
writing tablets 119
New York, Chicago & St. Louis R. R.:
abandonment and construction 898
bonds 247
operation 977
rates on—
drums 114
lead 904
lumber 424, 546
piling 981
watermelons 322

Page

New York City:
address of Henry L. Stimson, Feb. 6, 1931 738
airway map 11
aviation chart 62
cession of land on New Dorp lane 393
Coast Guard store, stock catalogue 136, 746
Conference of Appraisers, Assistant Appraisers, etc., Port of New York 271
freight stations, discontinuance 1055
loss of light due to smoke 138
summary (in public health reports) 139
National City Bank, exr., *v.* comnr. of internal revenue 985
New Jersey *vs.* 1004, 1079
Nova York do futuro 347
same (in Spanish) 1071
radio stations, chart 1069
railroad map 205
rivers and harbors in districts, rp. 588, 589
transfer of passengers 117
see also Welfare Council of New York City.
New York Development Association, Inc. 402, 618, 672
New York Harbor:
anchorage grounds, rules 205
charts 478, 770
light list 877
seamen with venereal disease 76
tide and current tables, 1931 384
New York Harbor Supervisor 590
report, 1930 590
New York Lubricating Oil Co. *v.* United States 913, 1043
New York Marine Co., relief 780, 799
New York Merchandise Co., hand-bags 696
New York, New Haven & Hartford R. R.:
court cases—
Edward F. Flynn, exr. 1004
Interstate Commerce Comn. 316, 422
Victorio Nogueira 358
rates on—
beams 173
boxes 543
cast-iron 113
cullet 1055
granite 178, 320, 815
mohair 180
paper 181, 816
slag 425, 715, 981, 1058
tacks 818
wrapping paper 716
zinc 908
reconsignment 548
unlading and lading 549
New York, Ontario & Western Ry., bonds 541
New York Port Authority, *see* Port of New York Authority.
New York State:
bridges, *see* Hudson River.
canals, charts 591, 941, 1014
census, 1930, population bulletin 383
district judges, additional 656
Fort Ontario military reservation 648, 685, 787
New Jersey *vs.* 1004, 1079
postal service—
mail routes, schedule 570
post route map 733
relief 27
New York State Agricultural Experiment Station, Ithaca, ginseng diseases 8
New York State College of Agriculture, St. Lawrence County soil survey 948
New York Stock Exchange:
prohibiting trading on margins 801
taxes paid to Government, 1919–30 450
New York, Susquehanna & Western R. R. 716
New York Trust Co., trustee, court case 553
New York Tuberculosis and Health Association 76
New Zealand:
lights, etc., on coasts 920
pilot, supplement 831
New Zealand flax, paper-making properties 775, 964
Newark, N. J.:
transfer of passengers 117
working children 559
Newark Concrete Pipe Co., relief 494
Newark Paraffine & Parchment Paper Co. 116
Newburyport Harbor, chart 478

Page

Newcomer, E. J., codling moth 865
Newcomerstown, Ohio, Oxford Bank *v.* U. S. 54, 307
Newell, R. B., rp., etc., of Fed. Trade Comn. 698
Newfoundland:
airports 156
chart 437
money-order post offices 129
Newhart, George F., relief 21
Newlands irrigation project, benefit to Indian lands, payment 29
Newlin, J. A.:
calculating strength of beams 1064
design of airplane wing ribs 1064
Newport, R. I.:
anchorage grounds in harbor 78
chart of harbor 478
see also Naval War College, Newport.
Newport Bay, Calif., chart 478
Newport News, Va., tide calendar 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
Newport News Shipbuilding & Dry Dock Co. 54
Newport Shipbuilding Corporation 54, 334
News ink, *see* Ink.
Newspaper Printing Co. 334
Newspaper Publishers Association, *see* American Newspaper Publishers Association.
Newspaper wrappers, prices, 1931 441
Newspapers:
contributions to, copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
Newsprint paper, *see* Paper.
Nezperce National Forest, proclamation 926
Ngawun River, *see* Bassein River.
Niagara Board, Special International, *see* International Niagara Board, Special.
Niagara Falls and River, preservation, etc. 843
Niagara Falls Brewing Co. 556, 1004
Niagara, Fort, preservation and repair 648
Nicaragua:
aviation charts 344
foreign trade for 1929 440
maintenance of U. S. marines, report 738
Nicholas, Warren W.:
biological assays 485, 612
efficiency of production of X-rays 230, 486
Nichols, Clara E., relief 21
Nichols, Esek S., predicting temperature 90
Nichols, P. F.:
sugar, etc., content variation of olives 3, 83
vitamin content of prunes, drying effect 595, 758
Nicholson, Cooper, relief 36, 494, 780
Nickel, Oscar, patent appeal 228
Nickel:
bearing bronzes with nickel addition 99, 230
freezing point 391, 485
properties of pure nickel 391, 485
Nickel salts, standard stock catalogue 136
Nickels, C. B., blueberry maggot, control 86
Nickles, John M., North Amer. geology, bibl. 700, 810
Nicolay, Owen D., *v.* United States 913
Nicoll, Sadie T., relief 20
Nicolson, Alexander M., patent appeal 299
Nicolson, John:
truth about postal contracts 35
digest of comments in Cong. record 1040
Nicotine toxicity to mosquito larvae 147, 214
Nieschmidt, E. A., soil of Franklin Co., Nebr. 761
Nigro, P. M., relief 21
Niklason, C. R., Pacific Southwest 225
Nile blue, oxidation-reduction studies 851
Niles, Ohio, viaduct 501, 617, 668
Niles Bement Pond Co. *vs.* United States 358
Niles quadrangle, Mich.-Ind. 167
Niobrara, Nebr., bridge 637
Niobrara Reservation, trust period extended 352
Nippert & Brown, attorneys, fee 134
Nipples (pipe):
commercial standard 965
standard stock catalogue 270
Nitrates:
beet leaves, nitrate nitrogen 595, 758
deposits in Calif., Ariz., and N. Mex. 810
heat contents in aqueous solutions 964
Nitrogen Chemical Corporation *v.* United States 532
Nitro Powder Co. *v.* United States 54, 412, 721

Page

Nitrogen:
content of cotton plant 1019
from cow excreta, to prevent loss 209, 281
in juice and weight of beet leaves 595, 758
Nitrogen seed compound, rates on 181
Niuafou Island, biological collecting 840
Nix, J. W., relief 21
Nizina River, geology of upper river 419, 537
Noble, Joseph G., miliary tuberculosis 751
Noble, L. F., nitrate deposits in California 810
Noble, W. B., grasses as hosts of Hessian fly 1022
Noel State Bank, Edward Eliason, etc., *vs* 200
Noguchi, Hideyo, article on 354
Nogueira, Victorio, *vs.* N. Y. N. H. & H. R. R. 358
Nolls, *see* Silk nolls.
Noise, airplane, reduction 221
Nolan, Ellen N., relief 397
Nolan, Joseph P., *v.* United States 236
Nolan, M. J., Co., paving-joints 547
Nolan, Mabelle O., key catalogue of parasites 584
Nolan, Maurice P., United States *v* 913
Nolan, William I. (Representative from Minn.):
reports made by—
Public Lands Com 510, 655
Nome Harbor, preliminary exam. and survey, rp 78
Nomenclature, *see* Names.
Nomogram for dissolved oxygen calculation 1010
Non-Plate Engraving Co., Inc 310, 416
Nonferrous metals, *see* Metals.
Nonmetals:
contributions to economic geology, 1930 892
mineral resources of U. S., 1928 387
Nonpareil Roofing Co., slag 425
Noodles, rates on 712
Norbeck, Peter (Senator from S. Dak.):
reports made by—
Agriculture and Forestry Com 659–660
Banking and Currency Com 661
Library Com 524, 682
Pensions Com 527, 689
Public Lands and Surveys Com 691, 693
Nordbye, Gunnar H., confirmation, hearings 967
Nordenskiöld, Erland, archæological work 1070
Norfolk, Va.:
aviation chart 1067
chart of harbor 478
radio stations, chart 1069
rivers and harbors in district, rp 589
tide calendar 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067
Norfolk & Western Ry.:
abandonment 172
Chesapeake & Ohio Ry. *v* 422
misrouting 905
rates on—
coal 175
lumber 980
paper 321
reconsignment 547
Norfolk loam, fertilizer experiments 598
Norfolk Southern R. R.:
misrouting 713
rates on—
potatoes 817, 906
sweetpotatoes 907
various commodities 979
Normal quadrangle, Ill 167
Normal schools:
George Washington appreciation course 1041
statistics, 1927–28 241
Norman, I. L., lead poisoning from chipping 829
Norman County, Minn., bridge 641, 671, 787
Normandin, Joseph H. A., naval record 507
Norris, Alfred E., United States *vs* 359
North (U. S.), *see* Northeast (U. S.).
North America:
air mail routes 925
air routes, scheduled 345
archæological work 1070
chart of west coast 223
current tables, Pacific Coast, 1932 874
geology, 1919-28, bibliography 700, 810
lights, etc., on coasts 920
tide tables, Atlantic Coast, 1932 959
tide tables, Pacific Coast, 1931 12
North American Cement Corporation:
cement 901
lime 49
North American Oil Consolidated 986

Page

North American Provision Co., reconsignment 182
North & Co., reconsignment 321
North Atlantic Ocean, *see* Atlantic Ocean.
North Carolina:
Agriculture Department—
Burke County soil survey 468
Davie County soil survey 761
Lenoir County soil survey 212
Watauga County soil survey 761
census, 1930—
population 222, 293, 957, 1030
unemployment 957
court case 1004
Federal aid highway system progress map 378
light list, North Carolina sounds 877
mail routes, schedules 130, 263, 350, 570, 836, 999, 1073
post route map 733
Senatorial campaign expenditures 693
North Carolina Agricultural Experiment Station:
soil surveys—
Burke County 468
Davie County 761
Lenoir County 212
Watauga County 761
North-Central States, *see* Central States.
North Channel, charts 142, 1068
North Dakota:
bridge, *see* Missouri River.
census, 1930—
agriculture 1030
population 383, 957
unemployment 957
Federal aid highway system progress map 378
grains 288
lands—
withdrawal 927
withdrawal, revocation 1075
post route map 733
wild-duck foods of lakes 760
errata 947
North Pacific Construction Co. *v.* U. S 412
North Pacific Ocean, *see* Pacific Ocean.
North Pacific Region, Forest Service 3
North Packing & Provision Co., swine 1058
North Plains & Santa Fe Ry.:
construction 813
control 898
North Platte irrigation project, dam, etc 742
North Sea:
chart of waters 63
communication chart 437
pilot, supplement 831
North Shore Material Co.:
stone 184
switching charges 981
North Star Chemical Works, Inc., *v.* U. S 986
North Texas & Santa Fe Ry.:
bond 1052
construction 898
control 898
North Texas Lumber Co 358
Northampton County, Va., mail routes 570
Northeast (U. S.):
ceiling and visibility 90
management of spruce stands 375
oats in Northeastern States 764
pulpwood lands, reproduction 866
see also East (U. S.).
Northeast Oklahoma R. R 541
Northern and Northwestern Lakes Survey 79, 142, 205, 277, 367, 590, 940, 1013, 1089
report, 1930 591
Northern Commercial Securities Co 118
Northern Great Plains Field Station 1025
Northern Hemlock & Hardwood Manufacturers Association 320
Northern Indiana Sand & Gravel Co 548
Northern Ireland:
endemic goiter incidence 273, 850
income tax on shipping profits 266
Northern Pacific Ry.:
construction 423, 898
court cases—
Interstate Commerce Comn. *v* 109, 316
United States *v* 823, 913
patent to lot in Montana 654, 691, 778
rates 316

Page

Northern Pacific Ry.—Continued.
rates on—
apples 706
automobiles 900
coal 708
gasoline 320
lumber 116
syrups 322
train service 184, 716
Northern Pole & Lumber Co., lumber 116
Northern Region, Forest Service 215
Northern Trust Co.:
as executor—
comnr. of internal revenue *v* 339, 558, 722, 739
v. United States 719, 887
as trustee—
relief 664, 780
Northers, *see* Winds.
Northport Power and Light Co 1079
Northrup King Co., nitrogen seed compound 181
Northwest (U. S.):
codling moth, control 865
Douglas fir yield 286
Great Basin wireworm 598
orchards, control of tree hoppers 762, 865
Northwest Engineering Corporation, iron 115
Northwest Farmers Cooperative Dairy and Produce Co., relief 664, 780
Northwest Potato Exchange, apples 900
Northwest Tile & Mantel Contractors' Association, Fed. Trade Comn.rp.,etc 698
Northwestern Barb Wire Co. *v.* United States 236
Northwestern Lakes Survey, *see* Northern and Northwestern Lakes Survey.
Northwestern Lumbermens Association, lumber 905
Northwestern Motor Car Co 188
Northwestern Pacific R. R., rates on cattle 707
Norton Company *v.* comnr. of internal revenue 914
Norton Institute, rp., etc., of Fed. Trade Comn 971
Norwalk Roofing Co., slag 1058
Norway:
claim for detention of steamer Tampen 498
claim for protection of Amer. interests 30
conscription treaty with U. S 841
income tax on shipping profits, relief 575
secondary education 313
Notes, secured by adjusted service certificates 807
see also Bonds of United States—Federal reserve notes—National bank notes—Treasury notes—*also* names of railroads, corporations, etc., issuing notes.
Notes on preventive medicine, *see* Medicine.
Notice of quarantine, *see* Quarantine.
Notice to aviators 61, 126, 191, 257, 344, 436, 564, 727, 831, 920, 993, 1067
index, 1930 436
Notice to mariners:
Hydrographic Office—
1930 61, 126, 191, 257, 344, 436
1930, index 126, 728
1931 564, 728, 831, 920, 993, 1067
special notice, anniversary number 437
Lighthouses Bureau—
Great Lakes 14, 96, 158, 226, 297, 387, 772, 878, 961, 1035
notices issued jointly with Coast and Geodetic Survey 14, 96, 158, 226 297, 387, 481, 608, 772, 878, 961, 1035
poster notice to mariners 14
Notices of judgment, *see* Judgments.
Notifiable diseases, *see* Contagious diseases.
Notman, George, exr., *v.* United States 187
Nova Scotia, pilot 61, 728
Nowinski, William J., relief 507
Nowland Realty Co. *v.* comnr. of internal rev 334
Nowlin, A. S., & Co., reconsignment 547
Nozzles, fuel injection 828
Nuckols, S. B.:
sugar-beet growing under irrigation 764
transplanting sugar beets in Utah, etc 600
Nugent, George A., attorney, fees 843, 1003

Page

Nugent, James W., relief 648, 780
Null method measurement of small charges 964
Numbering machines, standard stock catalogue 136
Nunivak Island Reservation enlarged, order 352
Nurse Corps, Army:
mileage allowance 648
retirement of disabled nurses—
hearing 33
laws 27, 786
report 648
statement of M. W. Ireland 33
Nurse Corps, Navy:
death gratuity to dependent relative 527
mileage allowance 648
retirement of disabled nurses 27, 648, 786
Nurseries, *see* names of nurseries.
Nursery schools, phases of education 241
Nursery stock, quarantine regulations 466
Nurses and nursing:
attendance of nurses at State meetings 751
brain tumor patients, nursing care 203
clinic nurse in regional office 585
follow-up nursing methods 853
follow-up nursing visits 585
mentally ill, nursing of 937
neuropsychiatric nursing 366
psychiatric nursing, postgraduate course 1011
tuberculous patient, nursing aftercare 937
see also Army School of Nursing—*also* Pensions.
Nusbaum, G. W., nuts, etc., elec. resistance 160, 390
Nutrena Feed Mills, Inc.:
alfalfa meal 706
food for poultry 114
Nutrition:
maintenance of growing cattle 1019
requirements for growth of cattle 1019
yellow corn, etc., nutritive value 83
Nuts:
Federal standard stock catalogue 361
see also names of nuts.
Nuts (machinery):
electrical resistance, nuts and bolts 160, 390
Federal standard stock catalogue 579
Nycteribia, confused nomenclature 584
Nye, Gerald P. (Senator from N. Dak.):
reports made by—
Commerce Com 671–672
Public Lands and Surveys Com 410, 528–529, 691–693
Senatorial Campaign Expenditures Select Com 803
Nygolaimus, predacious nemas 209, 288

O

Oahu, Hawaii, acquisition of land 648
Oak Worsted Mills *v.* United States 429
Oakland, Calif:
abolished as customs port of entry 837
guns, etc., from cutter Bear 507, 618, 688
Oakley, R. A.:
commercial varieties of alfalfa 1024
utilization of alfalfa 763
Oaths:
international tribunals to administer 26
Panama Canal officials to administer 639
reservations in oath of allegiance 966
Oats:
black stem rust spreads from barberries 376
buckthorn susceptible to crown rust 376
covered-smut infection 210, 288
fall-sown oat production 288
in North-Central States 471
in Northeastern States 764
vitamin A content 861, 945
Obear-Nester Glass Co., boxes 707
O'Bleness, Julia K., relief 397
Obligations of foreign governments, *see* Public debts.
O'Brien, Blanche, exrx., *v.* Edward L. Sturgess 336
O'Brien, Florence M., vitamins in diet 585
O'Brien, Mary E., relief 626
O'Brien, Ruth, score cards for clothing 867
O'Brien, Thomas D., patent appeal 963
O'Brien Brothers, Inc 905
O'Bryan, Cullen D., relief 22
O'Bryan, Lettie A., relief 22

Page

Observatories, *see* names of observatories.
Obsolescence, income tax 582
Obstetrics, syphilis and Wassermann reaction 76, 274
Obstructions to air navigation, marking 91
Ocala, Fla., term of court abolished 503
Ocala National Forest, game sanctuaries 25
Ocala National Game Refuge, proclamation 131
Occupational diseases, *see* names of diseases.
Occupational therapy:
  article on 751
  assignments, veterans' hospital 585
  craft work in neuropsychiatric hospital 853
  for psychotic patients 585, 937
  in hospitals for mentally ill 585
  in tuberculosis hospital 366
Occupations:
  classification, 1930 census 293
  information, pocket reference 93
  mortality in insurance records, 1915–26 202
  physical impairments in insured males 139, 364
  see also Vocational guidance.
Ocean:
  fog at sea 63, 127
  steamboat inspection rules 17
  surface temperatures 995
  see also Ocean currents—*also* name of ocean.
Ocean Accident & Guarantee Corporation, Ltd 334
Ocean cables, *see* Cables (submarine).
Ocean currents:
  charts of north Atlantic 438, 833, 1068
  charts of north Pacific 63, 258, 438, 729, 921, 995
  tables—
    Atlantic Coast, 1931 384
    Coast and Geodetic Survey catalogues 294, 605, 874
    Massachusetts Bay, etc., 1931 384
    New York Harbor, etc., 1931 384
    Pacific Coast, 1932 874
    Puget Sound, etc., 1931 384
    San Bernardino Strait, 1932 874
    San Francisco Bay, etc., 1931 384
  tidal charts, Boston Harbor 604
  tidal charts, San Francisco Bay 223
  tides and currents, publications 12, 384, 874, 959
Ocean Falls, chart 344
Ocean mail, *see* International postal service.
Oceania:
  canned foods 771
  lights, etc., on coasts, South Sea Isles 920
  markets for motor boats, etc 386
  Pacific islands pilot, supplement 831
  tide tables, 1931, island groups 12
Oceans, *see* Ocean—*also* names of oceans.
Ochoco National Forest, purpose, etc 867
Ochs, A. C., Brick & Tile Co 47
Oconee River, bridge in Georgia 27
O'Connor, Charles (Representative from Okla.):
  reports made by—
    Indian Affairs Com 499
O'Connor, F. W., Filaria bancrofti 436
O'Connor ranger station, Routt Nat. Forest 131
Oconto River, navigation, etc., rp 205
Octane, normal, separation from petroleum 775, 965
Oddie, Tasker L. (Senator from Nev.):
  reports made by—
    Irrigation and Reclamation Com 523
    Mines and Mining Com 525
    Post Offices and Post Roads Com 410, 528
Odekirk, Hannah, relief 22
Odell, W. W., re-forming natural gas 481
Odessa wheat, *see* Wheat.
Odors of warning agents for gases 387
Oehler Building Material & Fuel Co 900
Office buildings, *see* Buildings.
Officers, *see* Army—Coast Guard—Marine Corps—Marine Corps Reserve—National Guard—Naval Reserve—Navy—*also* Confederates—Emergency officers' retired list—Government officials and employees, and names of certain Departments, bureaus, etc.
Officers' Reserve Corps, Army:
  regulations 1012, 1086, 1087
  status of certain officers 28
  to amend national defense act—
    hearings 161
    reports 403, 647, 802

Page

Offices, *see* Government offices.
Official bonds, *see* Bonds of officers.
Official gazette 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
  index, weekly 16, 97, 159, 228, 229, 300, 389, 483, 611, 774, 879, 963, 1037
  title-page, contents, etc 16, 159, 228, 389, 483, 611, 774
Official postal guide, *see* Postal service.
Official publications, *see* Government publications.
Official record, Agriculture Dept.:
  weekly publication 3, 83, 147, 210, 281, 371, 466, 595, 758, 861, 945, 1019
    index to v. 9 595
Official register of United States, 1930 222
Officials, *see* Government officials and employees.
Offord, H. R., chemical eradication of Ribes 950
Ogdensburg Harbor, chart 368
Ogee, R. A., sr., relief 780
Oglesby Coal Co. *v.* comnr. of internal rev 252
O'Grady, John, churches, radio address 872
Ogus, W. I., dental films 436
O'Hara, E. J., statement 882
O'Hara, R. W., Crawford County, Kans., soil 947
Ohio:
  census, 1930, population 293, 957
  coal fields 242
  employment, organization to promote 300
  employment fluctuation—
    1929, and comparisons with 1924–28 340, 432
    automobile manufacturing, 1923–28 (2) 57
    mining and quarrying, 1914–29 124, 189
  postal service—
    mail contracts 348
    mail routes 195, 350, 443, 732, 925, 1073
    post route map 733
  Public Utilities Commission—
    J. P. Grubb *vs* 359
  Tax Commission—
    East Ohio Gas Co. *vs* 1005
  timbering regulations in coal mines 388
Ohio Agricultural Experiment Station:
  Dutch elm disease 950
  soil surveys—
    Butler County 1021
    Muskingum County 86
    Washington County 284
Ohio Falls Dye & Finishing Works 252
Ohio Farm Bureau Corporation, freight rates 710
Ohio Farm Bureau Federation, cattle 174
Ohio-Kentucky Associated Industries 1054
Ohio Leather Co. *v.* Federal Trade Comn 1046
Ohio Oil Co.:
  versus E. A. Conway 359
  versus United States 39, 721
Ohio River:
  basin, surface water supply 243, 892
  bridges in—
    Illinois 401, 502, 618, 670, 671, 786
    Indiana 6 8, 671, 786, 787
    Kentucky 638, 671, 786
    Ohio 638
    West Virginia 401, 618, 638, 671, 787, 800
  cities, study of typhoid fever 1085
  improvement, report 589
  light list 226
Ohio River & Western Ry., abandonment 898
Ohio State University, fighting corn borer 89
Ohio Valley, drought and water supply 473
Ohio Wood Products Co., shoe last blocks 183
Oiacan Bay, chart 12
Oil, *see* Oils—Petroleum.
Oil-burning apparatus, care and operation 485
Oil Conservation Board, *see* Federal Oil Conservation Board.
Oil Corporation, Group No. 1, *see* Group No. 1 Oil Corporation.
Oil engines, *see* Engines.
Oil fields, *see* Petroleum.
Oil lands, *see* Petroleum.
Oil reserves, *see* Naval petroleum reserves.
Oil-shale:
  conservation, etc., of reserves 33
  patent applications—
    hearings 33, 654
    report 654
Oil Spring Reservation, receipts from leases 534
Oil torches, rates on 181

Page
Oil-well machinery, rates on 816, 905
Oil-well supplies, rates on 116, 713
Oil wells, *see* Petroleum.
Oils:
animal and vegetable oils, 1927–29 92
animal and vegetable oils, 1927–30 1029
consistometer, application to oils 17, 98
ordnance nomenclature list 278
pollution of navigable waters, amend act 33
specifications for oil for road building 849
standard stock catalogue, salad oil 580
see also Illuminating oils—Lubricants—Petroleum, and names of oils—*also* Agricultural credit.
Okanogan County, Wash., land for school use 522
Okaw Dairy Co., relief 780, 799
Okeechobee Flood Control Dist. of Florida 405
Okeechobee, Lake, report on drainage area 405
Okhotsk, Sea of, chart 125
Oklahoma:
census, 1930, population 293, 957
Federal aid highway system progress map 290
mail routes, schedules 262, 569, 925
post route map 733
public health survey 851, 1085
Oklahoma, U. S. S.:
scarlet fever outbreak on board 436
Oklahoma City, Okla. airway maps 92, 381
Oklahoma City-Ada-Atoka Ry., acquisition 318
Oklahoma Millers' League, grain 178
Old, Howard N., *v* United States 532
Old age pensions:
public systems in United States 1062
to encourage and assist States 885
Old Colony R. R.:
bonds 172
comnr. of internal revenue *v* 914
Old Dominion Steamship Co. 54, 334
Old Mission Point, lighthouse res 639, 671, 787
Old Oregon trail, *see* Oregon trail.
Old Settler Cherokee Indians, *see* Cherokee Indians.
O'Leary, Charles R., relief 688, 780
O'Leary, Martin J.:
paper-coating minerals and adhesives 391, 485
paper-making properties of Phormium 775, 964
O'Leary, Paul A.:
bismuth in treatment of syphilis 937, 1086
cutaneous, etc., relapse in syphilis 852, 1011
Oleo with compensating valve, test 939
Oleomargine:
Federal standard stock catalogue 361
specifications and proposals 137
to amend definition, regulate sale, etc.—
hearings 622, 656, 660, 882
laws 28, 787
reports 622, 656, 660
Olesen, Robert, goiter, Northern Ireland 273, 850
Olin, Carlton, relief 615, 685
Olive, *see* Olives.
Olive oil duty, proclamation decreasing rate 1075
Oliver, Nellie, relief 648
Oliver, W. B., soil of Muskingum Co., Ohio 86
Olives, sugar, etc., content, variations 3, 83
Olivier Straw Goods Corporation 237
Olmsted, Rebecca E., relief 615, 685
Olmsted, Robert S., relief of mother 615, 685
O'Lone, Mildred N., relief 397, 516, 780
Olson, D. S., trees for forest planting 151
Olson, Oscar C., relief 657
Olsson, Emil, *v.* United States 888, 1061
Olympia, Wash., silver service from Olympia 28
Olympia, U. S. S.:
silver service 28
Olympia Shipping Corporation 412, 823, 1079
Olympic games, Army to attend 505, 525, 787
Olympic National Forest, purposes, etc 867
Omaha, Nebr.:
airway map 1029
bridges 517, 617, 637, 638, 670, 786
Chamber of Commerce—
freight rates 248
First National Bank *v.* comnr. of int. rev 823
public building, construction 743
Omaha-Council Bluffs Missouri River Bridge Board of Trustees, bridge 518, 638, 786
Omaha Indians, enrollment of persons in tribe 794
Omaha Metal & Rubber Co., metals 116
O'Neal, A. M., soil survey of Lyon County, Iowa 947

Page
Oneida & Western R. R., extension 172
Oneida Lake, chart 1014
O'Neil, John T., relief 780, 802
Onions:
anemia of dogs produced by feeding 138
blemishes and discolorations 288
diseases and their control 600
Federal standard stock catalogue 452
genetic factors for pigmentation, etc 861, 945
rates on 181
Onondaga Co. 986
Onset Bay seed-oyster collection 295
Ontario, collecting silver minerals 840
Ontario, Fort, portion of res. to N. Y. 648, 685, 787
Ontario, Lake:
chart 368, 591
waterways chart 941
Ontonagon Fibre Co., pulp board 117
Ontonagon Harbor, chart 368
Ontonagon Railroad, abandonment 1052
Open-air schools, for delicate children 242
Operations, *see* Surgery.
Operations Bureau, Shipping Board 79, 277, 941, 1014
Opiates, addiction of animals 851, 1085
Opinions:
Attorneys General—
v. 36, by signatures 188, 334, 823
for sale by supt. of documents 42, 972
General Claims Comn., U. S. and Mexico 738
International Comn. on Zoological Nomenclature 573
judge advocate general of Army, digests 1089
labor, opinions affecting, 1927–28 123
see also Decisions—Judgments.
Opium:
traffic in opium—
1929 272
1930 1010
with respect to P. I., July–Dec. 1928 272
Oppenhimer, William T., jr., relief 22
Optical coincidence gage 612, 776
Optical rotation, 4-glucosido-α-mannose 302, 485
Options and futures:
corn, trading in futures 216
cotton—
enforcement of futures act, estimate 740
to amend and reenact futures act 659
to prevent sale in future markets 659
cotton exchanges, investigation—
hearings 35, 622
reports 35, 489
grain, to amend futures act 659
wheat, volume of trading, prices, etc 376
Oral, *see* Mouth.
Orange Car & Steel Co., relief 516, 780
Orange County, Calif., rocks, etc., along sea-coast, to reserve 510, 692, 787
Orange County, N. Y.:
land for Military Academy—
hearings 647
law 785
reports 525, 647
Orange County, Va., soil survey 598
Orange County Telephone Co., control 247
Oranges, rates on 713
Oraton Investment Co. *v.* United States 412
Orca Bay and Inlet, chart 13, 605
Orchard heaters, rates on 816
Orchards:
apple-orchard renovation 216
control of tree hoppers 762, 865
hurt by boron in irrigation water 88
Orders, *see* name of Department, bureau, etc., issuing orders.
Ordnance:
antiaircraft artillery, nomenclature 143
Coast Guard instructions, amendment 453
field artillery, nomenclature lists 143, 1014
maintenance, Army technical regulations 938
miscellaneous material, nomenclature 460, 461
ordnance catalogue 79, 143, 206, 278, 368, 460, 461, 592, 754, 856, 942, 1014, 1015, 1089.
introduction 277
ordnance field service bulletin 368, 460, 754, 856, 1014, 1089
ordnance provision system 79, 143, 206, 277, 278, 368, 460, 461, 592, 754, 856, 942, 1014, 1015, 1089.

Page

Ordnance—Continued.
standard nomenclature list 79, 143, 206, 278, 368, 460, 461, 592, 754, 856, 942, 1014, 1015, 1089
see also names of ordnance matériel.
Ordnance Bureau, Navy Dept 439
report, 1930 439, 828, 829
Ordnance Department, War Dept 79, 143, 206, 277, 368, 460, 592, 754, 856, 942, 1014, 1089.
Army regulations 204, 751
technical regulations 938
training regulations 854
Ordnance Engineering Corporation 721, 969, 1061
Ordnance Field Service School, Army regulations 938
Ordnance School, Army extension course 1088
Ore Steamship Corporation *v.* U. S 532
O'Rear, Prentice, relief 22
Oregon:
census, 1930—
agriculture 957, 1030
population 383
unemployment 957
charts 94, 385, 770
coast pilot, supplement 477
gold, silver, copper, lead, and zinc 961
Indians, Ct. of Claims to adjudicate cls 522, 634
lands—
adjacent to Cascade National Forest 659
withdrawal for agricultural field sta 927
withdrawal for classification 927
withdrawal for lookout station 264
late Tertiary climatic changes 473
light list 878
modification of reservoir-site reserve 571
national forests, road, etc., map 867
postal service—
mail routes, schedules 732, 836, 1073
plants, etc., addressed to places in 66, 998
post route map 733
power-site restorations 68, 352, 735, 927
public water reserves 131, 351, 1075
publications concerning, for sale 535, 1047
United States *v.* 823
water supply, Pacific slope basins 43
Oregon Agricultural Experiment Station:
growth and yield in wheat 950
soil surveys—
Eugene area 597
Grande Ronde Valley area 212
volume and tonnage of haystacks 1020
Oregon & California R. R 512
Oregon Basin, Wyo., oil and gas prospecting 29
Oregon Electric Ry.:
abandonment 1052
construction and operation 898
Oregon Short Line R. R.:
abandonment 423
freight rates 815, 979
rates on—
beans 248
piling 547
relief 22
Oregon trail:
fossil horse round-up, continuation 840
notes, for elementary schools 242
Oregon University, lands, conveyance to 38, 648, 787
Oregon-Washington Railroad & Navigation Co.:
abandonment 172
train service 184, 716
Orejas de Burro, Caleta, chart 259
Ores:
agglomeration, etc., finely divided ores 388
customs appeal 40
leaching, entry of solutions 961
microscopic determination of minerals 973
of Wood River region, Idaho, deposits 43
see also Iron ore—*also* names of metals.
Organisms, *see* Bacteria.
Organs, pipe, decreasing rates of duty 1075
Orient, *see* Far East.
Orient Steamship Co., claim 497, 521, 617
Oriental Navigation Co. *v.* United States 552
Oriental peach moth:
egg parasite of oriental fruit moth 285
parasites of oriental peach moth 209, 214
Orlando, Fla., term of court 503
Ornithobilharzia, new trematode species 265

Page

Orono Pulp and Paper Co., court case 889, 914
Orr, Nellie, *v.* United States 236
Orthophenylphenol, germicidal efficiency 1021
Orvis, C. B., swine 184
Osage County & Sante Fe Ry., bond 813
Osage Indians:
rite of Wa-xó-be 198, 355
use of funds for fees, etc 399, 408, 618
Osborn, Arlie G., *v.* United States 823
Osborn, Chase S., *v.* United States 888, 1061
Osborne, F. J., venereal disease, East Orange 456
Osborne, N. S., saturated water and steam 99, 231
Osborne, Mrs. Pinkie, relief 397
Osburn California Corporation 122
Osgood, F. D.:
analyses of mine samples 609, 772
description of coal mine samples 609, 772
Oshkosh Traffic Association, lumber 49
Osmium separation and determination 775, 965
Osteitis:
of atlas and axis 256
Osteitis fibrosa cystica, liver feeding 585
Osteoarthritis of spine 274
Osteomyelitis, treatment and cure, hearings 34
Ostrea, Enrique O., leaching 961
Otis Gin & Warehouse Co 902, 978
O'Toole, John, relief 626
Ottawa National Forest, proclamation 735
Otter Islands Anchorage, chart 259
Ouachita National Forest, lands 28
Ouachita River, bridges in Louisiana 401, 407, 488, 518
Outlying possessions:
crime reports 253, 340, 431, 559, 723, 825, 916, 989
health authorities, 1930, directory 364, 583
mail delivery from U. S. on Christmas 347
mails from U. S., schedule of steamers 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073.
publications on insular possessions 165
reorganization of insular possessions 529
selling automobiles 607
see also Oceania—*also* names of possessions.
Ovens, standard stock catalogue 1081
Overalls, rates on 980
Overbey, Annette J., *v.* United States 307
Overbey, John T., case of executor 307
Overdevelopment in bituminous coal industry 724, 826
Overman, Lee S. (Senator from N. C.):
payment of widow 405
Overman, Mary P., payment 405
Overpeck, John C., seed from sugar beets 764
Overproduction, grow less, get more 308
Overtime:
immigration service, compensation—
hearing 408
law 784
report 677
Owasco River Ry., abandonment 813
Owen, Nina, pine tree treasures 866
Owl Creek Phosphate Co., phosphates 981
Owyhee Dam, specifications, etc 315
Owyhee River, dam in Duck Valley Res 634, 679, 787
Ox Fibre Brush Co 358
Oxazines, oxidation-reduction studies 851
Oxford Bank *v.* United States 54, 307
Oxford Paper Co. *v.* United States 986
Oxidation:
organic matter, influence of plankton 750, 936
sugars 1038
Oxidation-reduction studies 851
Oxygen:
arsenicals, etc., influence on tissues 750, 935
consumption by living cells 851
consumption by normal and green oysters 479
dilution waters in oxygen demand tests 1010
dissolved, and oxygen demand tests 749
dissolved, nomogram for calculation 1010
inhalations in dementia praecox 366
preventing effects of carbon dioxide 60, 61
rate of disappearance in sludge 1010
Oxyuridae, coleopterous larvae parasite 861, 950
Oyster-shell scale, and scurfy scale 86
Oyster-shells, rates on 713
Oysters:
canned, standard stock catalogue 1082
death from food poisoning caused by 61
market in 14 cities 1034

Page

Oysters—Continued.
new pearl oyster from Hawaiian Is. 1077
oxygen consumption by oysters 479
seed, production and collection study 295
temperature and shell movements 1034
Ozark, Ark., bridge 23
Ozark & Philpott Valley R. R. 247
Ozawa, Yoshiaki, Polymorphinidae 132

P

pH, *see* Hydrogen-ion concentration.
Pace, C. L., Memphis & Charleston Ry. *vs.* 576
Pacific, motorship:
agreement for arbitration of claim 842
Pacific Coal & Coke Co., tests of coals 1035
Pacific Coast:
charts 13, 479, 728
current tables, 1932 874
fisheries, 1929 960
light lists 608, 878
pilot, supplement 477
pilot rules for inland waters 232, 486
salmon fisheries 385
tide tables, 1931 12
see also West (U. S.).
Pacific Coast Branch, American Historical Association:
proceedings—
1927 132
1928 132
1929 737
Pacific cockle, age and growth 770
Pacific countries, markets for fruit juices 13
Pacific Electric Ry., rates on cotton 424
Pacific Gas and Electric Co., court cases 986
Pacific herring, contribution to biology 13
Pacific islands, *see* Oceania.
Pacific Lumber Co., sawmill machinery 183
Pacific Northwest, *see* Northwest (U. S.).
Pacific Ocean:
charts—
current charts, north Pacific 63, 258, 438, 729, 921, 995
great circle sailing, south Pacific 63, 922
pilot charts, north Pacific 63, 127, 192, 258, 345, 438, 566, 729, 833, 921, 995, 1068
pilot charts, south Pacific 63, 258, 566, 922
sailing charts, north Pacific 921, 1068
upper air, north Pacific 63, 127, 192, 259, 345, 438, 566, 729, 833, 922, 995, 1069
weather broadcasting stations 63, 127, 192, 259, 729, 833
halibut fishery, convention 842, 1078
sounded areas, north Pacific 833
thunder and lightning, south Pacific 291
tropical cyclones, north Pacific 1068
Pacific Southwest, *see* West (U. S.).
Pacific Southwest Trust & Savings Bank 338, 430, 722
Pacific States, *see* Northwest (U. S.)—Pacific Coast—West (U. S.).
Pacific States Box and Basket Co 655
Pack, Charles L., tree planting, George Washington bicentennial 803
Packaging:
carriage, machine, and lag bolts 612
flash-light batteries 612
Packer Produce Mercantile Agency 542
Packers' consent decree, *see* Packing industry.
Packing:
Federal standard stock catalogue 135, 136, 361, 453, 745
instructions relative to packing 60
Packing boxes, *see* Boxes.
Packing-house products, rates on 180
see also Canned food.
Packing industry:
packers and stockyards act, rules 209
packers' consent decree of 1920—
history of legislation 796
information from Justice Dept 54
wages and hours of labor 990
Packings, *see* Packing.
Packsaddle, Bahia, chart 259
Padlock procedure, prohibition enforcement 75
Padlocks:
Federal standard stock catalogue 270
same, errata 580
Paducah, Ky., abolished as customs port 444

Page

Paducah Hosiery Mills, dye tubs 710
Page, Dudley M., *v.* United States 805
Page, William Tyler, nominees for Senator and Representative 232
see also House of Representatives, clerk.
Pagel, Edward A., admr., *vs.* John G. MacLean 1004
Pages for Senate and House, pay 30
Paint:
classification, I. C. C. decision 116
rates on 249
specifications, etc 747
standard stock catalogue 135, 361, 848, 1081
why some surfaces hold longer than others 216
see also Pigments.
Painters:
Navy training course 564
Painters District Councils, *see* Brotherhood of Painters, Decorators, and Paperhangers of America.
Painters' supplies, specifications, etc 747
Painting:
instructions, vessels of Coast Guard 848
on farm 284
Paintings, standard stock catalogue 744
see also Baltimore Pan American Exhibition of Contemporary Paintings—Water colors.
Paints, *see* Paint.
Paitilla Point military reservation:
modification of boundary line—
recommendation of State Dept 448
report of Foreign Affairs Com., H 498
Paiute Indian res. lands, payment of benefits 29
Pakaka Pass, chart 437
Palate, mixed tumors 937
Palawan, coast pilot 12, 769
Palestine, mandate 738
Palk Gulf, sailing directions 920
Palmer, Fanny M., foreign trade in agricultural products 84
Palmer, John W. (Representative from Mo.):
report made by—
District of Columbia Com 630
Palmer, L. A.:
bond between mortar and brick 775, 965
changes in brick masonry materials 1038
Palmer, L. S.:
bovine skeletal structure 595, 757
calcium ratio in bones of cattle 595, 757
Palmer, Swayne E., *v.* United States 556, 695, 1043
Palmer Candy Co., starch trays 818
Palmer Fish Co., relief 22
Palmyra Island, chart 537
Palo Verde Valley, protection from floods 642, 795
Palsy, *see* Paralysis.
Pamban Pass, sailing directions 920
Pamphlet laws, *see* Laws.
Pamphlet series, Education Office 106, 166, 242, 313, 418, 700, 891, 973
Pamphlets:
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
copyrighted, index, etc., 1930 1063
Pamunkey River, chart 605
Pan American Child Congress:
el VI Congreso Panamericano del Niño 347
report of delegates of U. S 738
same (in Spanish) 738
Pan American Commercial Conference:
article on 996
same (in Portuguese) 996
same (in Spanish) 996
expenses of 4th conference—
estimates for expenses 574, 743
law 787
reports 498, 677
Pan American conferences and Pan Amer. Union 996
same (in Spanish) 996
Pan American Congress of Highways, report 267
Pan American day:
bulletin of Pan Amer. Union in honor 923
same (in Spanish) 923
Pan American Exhibition of Contemporary Paintings, Jan. 15–Feb. 28, 1931 834
Pan American Highways Congress, *see* Pan American Congress of Highways.
Pan American Petroleum and Transport Co 123

Page

Pan American Road Congress, *see* Pan American Congress of Highways.
Pan American Union 64, 128, 193, 259, 346, 439, 567, 730, 834, 922, 995, 1070
and Pan American conferences 996
same (in Spanish) 996
Biblioteca Conmemorativa de Colón 923
bulletin 64, 65, 128, 193, 260, 346, 439, 567, 730, 834, 923, 995, 996, 1070
index, Jan.–Dec. 1930 (English edition) 834
index, Jan.–Dec. 1930 (Spanish edition) 834
bulletin, special numbers—
Ecuador, independence commemoration 128
homenagem ao Brazil, etc 65
Inter.-Amer. Conf. on Agriculture 193, 260
Pan American day, Apr. 14 923
Simón Bolívar, 1783–1830 439
Uruguay, centenary of constitution 64, 65
fundación y desarrollo 1071
in Pan American affairs 1071
Panabutan Bay, chart 12
Panama:
boundary—
recommendation of State Dept 448
report of Foreign Affairs, Com. H 498
foreign trade for 1928 and 1929 730
fugitives from justice, extradition 639
Panama Canal:
charts 345, 728
estimate, 1932 451
Executive orders, supplement 440
map 537
measurement of vessels 407
operation, to amend act 640
publications for sale by supt. of docs 311
treaties and acts of Congress, supp 194
vessels navigating waters, inspection 639
Panama Canal (zone) 65, 128, 194, 261, 347, 440, 568, 730, 835, 923, 996, 1071
advance funds to bonded employees 68
animals, keeping and impounding 639
arms, carrying and keeping 640
birds and their nests, protection 640
boundary, modification—
recommendation of State Dept 448
report of Foreign Affairs Com., H 498
bull fights, etc., amend order prohibiting 640
case of Arthur Weil *vs.* Canal Zone Govt 66
census, 1930, population bulletin 222
courts, to amend act 640
customs service, to establish 640
deported persons returning thereto 639
divisions of government—
Agronomist 731
Executive Dept 194, 440, 731
Executive Office 194, 440, 731
Governor 347, 1071
Governor, report, 1930 347
Health Dept 997
Health Dept., report, calendar year 1929 997
Plant Introduction Gardens, report 731
Schools Division 440
Supply Dept 731
Executive orders, supplement 440
extradition of fugitives from justice 639
fire-hunting, etc., to prevent 640
gambling, amend act prohibiting 639
hunting, fishing, etc., regulations 923
laborers, misdemeanor to entice 640
light list 608
liquors under seal, transportation 640
lotteries, amend act for suppression 639
map 537
market regulations, to repeal ordinance 640
officials to administer oaths, etc 639
postal service 639
money-order post offices 129
post route map 733
privileges, rules, etc., to amend act 639
public defender, appointment 639
public passenger conveyances, tariff, etc 731
publications for sale by supt. of docs 311
radio equipment on vessels 639
radio stations, chart 1069
retirement of employees—
law 787
reports 502, 680

Page

Panama Canal (zone)—Continued.
revision of Canal Zone laws—
amendments suggested by War Dept 457
civil code 639
civil procedure, new code 640
criminal procedure, to amend code 640
penal code, to amend 640
progress made 140
see also subjects of individual laws.
schools, report of survey 440
street-railway cars, operation 639
telephone directory 731
transfer of operation of Hotel Tivoli 68
treaties and acts of Congress, suppl 194
vehicle and traffic laws, etc., 1930 440
Panama Canal record 65, 128, 194, 261, 347, 440, 568, 730, 835, 923, 996, 1071
v. 23, title-page with index 347
Panama City, tide, moon, etc., tables, 1931 440
Panama Mail Steamship Co 359
Panama Railroad:
employees, retirement—
law 787
reports 502, 680
laborers, misdemeanor to entice 640
operation of Hotel Tivoli, Canal Zone 68
Panco Rubber Co 334
Pancreas, carcinoma with carcinoma of lungs 937
Panhandle & Santa Fe Ry.:
construction 541, 813, 898
operation 46, 1053
routing 183
Panniculitis 76
Panola-Quitman Drainage District 503, 788, 800
Pantages Theatre Co 54, 334
Panther Rubber Manufacturing Co 334
Panturis, Catherine, relief 664, 780
Panza, John, relief 22
Panza, Rose, relief 22
Papago Indians, lands in Arizona, to reserve 787
Papaya:
culture in Hawaii 214
growing in Florida has made headway 88
Paper:
alpha-cellulose content and copper no 880, 1039
bursting strength test 612, 776
for U. S. securities, mill to manufacture 793
kraft, evaluation methods 808
light and rosin paper-sizing materials 964
newsprint, and news ink 971
newsprint, report of Fed. Trade Comn 239
pH values and acidity determination 311
paper-coating minerals and adhesives 391, 485
Phormium, paper-making properties 775, 964
rates on paper 116, 181, 321, 425, 713, 816, 905
rates on wrapping paper 716
report of Paper Specifications Com 405
specifications, etc 137, 362, 582, 748, 1009
stock catalogue and price list 1046
strips or seals on registered mail 129
world's markets at end of 1930 386
Paper bags, rates on 116
Paper board, *see* Pulp board.
Paper cups, rates on 117, 321
Paper dishes, rates on 48
Paper Makers Chemical Corporation 49
Paper-making fibers, *see* Fibers.
Paper mill for United States securities 793
Paper money, outstanding 76, 140, 203, 274, 365, 457, 585, 750, 852, 937, 1011, 1086
Paper Section, Standards Bur 311
Paper Specifications Committee, report 405, 511
Paper-winding cores, rates on 547, 902
Papers, *see* Executive Departments—*also* names of Departments, etc., to which papers belong.
Parachutes:
air commerce regulations, supplement 11
physical characteristics of cloth 141
Para-dichlorobenzene for peach borer ravages 285
Paragon Cooperage Co., hoops 249
Paraguana Peninsula, chart 921
Paraguay:
automotive market 224
foreign trade for 1929 440
Paralysis:
antirabic vaccine paralysis 139, 272
facial paralysis cured by dental treatment 140

Page

Paralysis—Continued.
ginger paralysis—
action of certain phenol esters 273, 749
epidemic in southern Calif., 1930–31 1010
studies of cause 75, 273
tuberculosis complicated by 853
hysterical paralysis, diagnosis, etc 76
malarial inoculation, general paralysis 585
malarial treatment of paresis 108, 140
progressive bulbar palsy 585
Paramount Famous Lasky Corporation 334, 449
Paranaguá Anchorage, chart 994
Paranaguá, Porto de, chart 994
Parasites:
cause germination loss in seeds 595, 764
of—
Chiroptera, key catalogue 584
horses 372
Mediterranean fruit fly in Hawaii 214
oriental peach moth 209, 214
poultry 467, 1021
rabbits 760
treatment for parasitic worms (2 entries) 61
see also names of parasites—*also* names of diseases which they cause.
Parasitism, social, in birds 353
Paratuberculosis of animals, control, etc 1019
Parcel post:
abandoned insured and C. O. D. parcels 348
addressing on more than one side 347
classification, etc., to re-form 528
collect-on-delivery—
abandoned parcels 348
service with Hungary 568, 924
tags must be legibly completed 442
convention with Dutch Guiana 349
convention with Republic of Cuba 568
international postal service 194
mails to foreign countries, rates 441
marketing farm produce 84
sealed, 3d or 4th class postage rates 66
service with practically every country 442
Parenchymatous degeneration of bovine livers 4
Parents:
education 241
reading courses—
foundations of family life 535
problems in adolescence 892
the whole child 972
Paresis, *see* Paralysis.
Paris, France:
American National Institute, incorporate 682
international exposition, 1931 30, 498, 677, 743, 790, 951
Paris Bourse 157
Paris Flouring Co., cotton-seed meal 815
Parish, B. B.:
multiple fractures of facial bones 585
tuberculosis of larynx 751
Parish, William, relief 685, 780
Parish & Bingham Corporation 307
Park, J. W.:
market supplies and prices of apples 862
marketing early potatoes 466
Park, W. E., clinical record of patient 366
Park Commission, *see* National Capital Park and Planning Commission.
Park County, Wyo., land to be conveyed to Wyo 693
Park Fire Proof Storage Co 429
Park Place, Tex., claim 657, 665
Parke, Davis & Co., relief 22
Parker, Edward C., alfalfa hay, producing, etc 282
Parker, Florence E., cooperative societies 826
Parker, G. L.:
surface water supply—
Pacific slope basins 43
Snake River basin 537
Parker, H. L., Macrocentrus gifuensis 762
Parker, J. B., cow tester's handbook 213
Parker, James S. (Representative from N. Y.):
reports made by—
Conference Com 791
Interstate and Foreign Commerce Com 32, 402, 640–641, 794
Parker, John J., case of executrix 823, 1061
Parker, John M., Co. *v.* comnr. of internal rev 914
Parker, R. R., tularæmia, British Columbia 584, 936

Page

Parker, T. Nelson, trustee, court case 1004
Parker, Thomas J., relief 22
Parkersburg Iron and Steel Co 252
Parkersburg Rig & Reel Co., iron 1056
Parkinson, T., radio recording apparatus 612, 776
Parks, Eustace, relief 626
Parks, K. E., homemade silos 213
Parks, Maggie, court case 555
Parks, Tilman B. (Representative from Ark.):
reports made by—
Interstate and Foreign Commerce Com 502, 635, 641, 794
Parks, *see* National parks—*also* names of parks.
Parmagini, Antone, *v.* United States 721
Parman, D. C., screw worms affecting animals 374
Parole, alien prisoners 682, 787
Paroxysmal auricular fibrillation 203
Parran, Thomas, jr.:
bismuth in treatment of syphilis 937, 1086
cutaneous, etc., relapse in syphilis 852, 1011
venereal disease prevalence 139
Parrot fever, *see* Psittacosis.
Parry, Benjamin, storm conditions, Santo Domingo 379
Parse, James B., relief 492, 514
Parshall, Charles, relief 494, 626
Parsons, Charles A., *v.* United States 914
Parsons, Douglas E., strength of masonry of hollow units 964
Parsons, Helen T., canned sauerkraut 3, 83
Parsons, J. K., *v.* comnr. of internal revenue 1061
Parsons, Robert P.:
article on medical literature 1066
editor of naval medical bulletin 60, 256, 436, 829, 1066
Parsons Marine Steam Turbine Co., Ltd 914
Particle size:
metallurgical materials 230, 391
microscopic powders 609
Partridge, Frank C. (Senator from Vt.):
reports made by—
Military Affairs Com 683–686
Partridge, Mason H., jr., ancillary admr., *v.* United States 552, 887
Paschall, A. H., soil of Washington Co., Ohio 284
Pascoe, Truman A., leaf-tissue fluids of cotton 465, 471
Pascual, Miguel, relief 494
Passamaquoddy Bay, *see* St. Andrews, Port.
Passenger-cars:
Kansas City Southern Ry., etc., *v.* U. S 539
Louisville & Nashville R. R. *v.* U. S., etc 539
Passenger rates, public conveyances, C. Z 731
Passenger traffic:
water borne traffic—
1929, calendar year 197
1930, calendar year 572
1930, quarterly 264, 353, 839, 1076
Passenger transfers through New York City and Newark, N. J 117
Passports:
bureau at Los Angeles, Calif 631
fees for nonimmigrants, waiver, etc 196
for Amer. citizens in foreign countries 448
notice to bearers of passports 575
passport series 448, 575
regulations, consular service 266
renewal 28
visas, admission of aliens into U. S 132
visas, for reentry into U. S 196
Paste, Federal standard stock catalogue 270
Pasteboard, rates on 817
Pastures:
raising sheep on temporary pastures 149, 947
variation in feeding value for livestock 85
Paszek & Son, coal 901
Patellar dislocation, open reduction 203
Patent Appeals, Court of, *see* Court of Customs and Patent Appeals.
Patent Office 15, 97, 158, 227, 298, 388, 482, 610, 773, 878, 962, 1036
appeals, rule of Ct. of Appeals rescinded 969
decisions—
1930 962
weekly (in Official gazette) 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037.
weekly (separates) 15, 97, 158, 227, 299, 388, 389, 482, 610, 773, 879, 962, 1036

Page

Patent Office—Continued.
report, 1930 389
rules of practice 880
same, errata and correction sheet 880
Patentees, *see* Inventors.
Patents:
calendar for Oct. term, 1930 237
cases adjudged in Court of Customs and Patent Appeals 532
classification 16, 97, 159, 229, 300, 389, 483, 611, 774, 879, 963, 1037
classification manual—
errata and correction sheet 611
substitute pages with corrections 774, 1037
decisions—
1930 962
in Official gazette 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
separates from Official gazette 15, 97, 158, 227, 299, 388, 389, 482, 610, 773, 879, 962, 1036.
general information concerning 963
in Official gazette 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037
index of patents issued, 1930 483
laws of industrial property 157
payments of awards of War Claims Arbiter 846
plant patents, Executive order 264
protection of industrial property 842, 1003
sale, allocation of proceeds 658
see also Inventions—Land patents—*also* names of persons, firms, etc., applying for patents.
Patents Committee, House:
report 33
Patents Committee, Senate:
hearings 410, 688
minority views 688
reports 688-689
Paterson, N. J., working children 559
Paterson Parchment Paper Co 844
Pathfinder Dam, North Platte project 421
Pathology, *see* Diseases—Diseases of animals—Diseases of plants—*also* names and classes of diseases.
Patman, Wright (Representative from Tex.):
minority views—
District of Columbia Com 398
Patrol boat for Coast Guard, specifications 453
Patten & Davies Lumber Co 334
Patterson, Grace H., calendar of D. C. Com., H., 71st Cong 304, 398, 628, 792
Patterson, J. E., mountain pine beetle 86
Patterson, Noble W., *v.* United States 986
Patterson, Roscoe C. (Senator from Mo.):
individual views—
Senatorial Campaign Expenditures Select Com 803
reports made by—
Military Affairs Com 683, 685-686, 802
Patterson, Rufus L., *v.* comnr. of internal rev 54
Patton, John, *vs.* United States 200
Patty, F. A.:
cellosolve vapors 272
dioxan vapors 139, 364
ethyl benzene vapors 202
ethylene oxide vapors 139, 272
vinyl chloride vapors 139, 456
Patuxent River:
bridge in Maryland 28
report on 367
Paul, D. P., & Co., Inc 359
Paul, J. W., timbering regulations, coal mines 388
Paulsen, C. G.:
surface water supply—
Great Basin 107
Missouri River basin 243
Snake River basin 537
Paupack Telephone Co., acquisition 172
Paving assessments in District of Columbia:
hearings 520
law 783
reports 497, 520
Paving bricks, *see* bricks.
Paving-joints, rates on 117, 547
Pay, *see* Salaries—Wages—*also* headings beginning Pay.
Pay, Army:
air travel on duty without troops 525, 649, 788
allotments, Army regulations 204
appropriations, 1931, proposed provision 743

Page

Pay, Army—Continued.
estimate, 1932, amendment 452
nurses retired for disability 648, 786
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
soldiers held in P. I., travel pay—
hearings 657, 796
report 511
Pay, Coast and Geodetic Survey:
air travel expense allowance 525, 649, 788
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
Pay, Coast Guard:
air travel expense allowance 525, 649, 788
instructions, amendments 73, 271, 581, 1008
instructions, circular 73, 746, 933
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
Pay, Marine Corps:
air travel expense allowance 525, 649, 788
death gratuity to dependent relative 527
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
Pay, National Guard:
property and disbursing officers 882
regulations 591, 753
Pay, Navy:
air travel expense allowance 525, 649, 788
death gratuity to dependent relative 527
nurses retired for disability 648, 786
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
Pay, Public Health Service:
air travel expense allowance 525, 649, 788
rental, etc., allowances of officers 927
report of jt. committee to investigate 511
same, with exhibits 796
Pay and Allowances in Army, Navy, etc., Joint Committee to Investigate:
reports 511, 796
Paymaster General, Navy, *see* Supplies and Accounts Bureau, Navy Dept.
Payne, W. W., relief 627, 781
Paz Soldán, Carlos E., el VI Congreso Panamericano del Niño 347
Pea, *see* Peas.
Peabody, Ernest H., patent appeal 300
Peabody, S. J., Lumber Co.:
hoop planks 178
lumber 179 (2 entries), 546, 712
piling 714, 981
Peabody Hospital, relief 627
Peace, to promote, joint resolution 30
Peach:
canning quality, certain eastern peaches 217
insects attacking, how to control them 1022
plum curculio in peach belt 214
preparation of peaches for market 946
rates on peaches 181, 547, 714, 905
Peach borer, how to prevent its ravages 285
Peaches, *see* Peach.
Peacock, J. H., bridge 400, 487
Peacock, Walter M., potatoes, culinary quality 950
Peanut butter, standard stock catalogue 1082
Peanut oil:
statistics, collection and publication—
hearing 882
report 490
Peanut-oil stock, rates on 425
Peanuts:
growing 764
rates on 49, 547, 817, 905, 980
statistics, collection and publication—
hearing 882
report 490
Pearce, Jacob M., relief 507, 688
Pearce, John A., relief 627, 665
Pearl Archipelago, charts 728
Pearl oyster from Hawaiian Islands 1077
Pearl quadrangle, Ill.-Mo 420
Pearl River, navigation, etc., rp 78
Pearl River Valley R. R 898
Pears, rates on 906
Pearsall, Gilbert H., *v.* United States 39, 334, 969, 1043
Pearson, A. W., relief 627

Page
Pearson, Carl, soil survey 150
Pearson, J. R., *v.* United States 969
Pearson, James H., agric. evening schools 163, 533
Pearson, John C., sport fishing in Chesapeake 1033
Pearson, Margaret W., *v.* United States 969
Pearson's correlation method 861, 950
Peas:
dried, blacktongue preventive value 138
mercury dusts in pea-seed treatment 595, 758
rates on 181
weevils in beans and peas 6
see also Cow-peas.
Pease, V. A., histology of almond 465, 468
Peat, characteristics of American profiles 284
Peavey, F. H., & Co. *v.* United States 695
Peavey, Hubert H. (Representative from Wis.):
reports made by—
Indian Affairs Com 634
War Claims Com 510–511
Peavy-Byrnes Lumber Co., cases 914
Peavy-Moore Lumber Co., cases 914
Peavy-Wilson Lumber Co., cases 914
Pecan:
experiment station in Caddo Parish, La 512, 619
insects, how to combat 468
leaf blotch 471
staminate inflorescence and pollen 83
Pecan soils, fertilizers 373
Pecatonica River, bridge in Illinois 518, 618
Peck, Franklin D., relief 780, 802
Peck, William C.:
landing gears for F6C-4 airplane 726
tests on Musselman type airwheels 1064
Pecos & Northern Texas Ry., securities 1053
Pectin, homemade apple and citrus, for jelly 376
Peddlers, prohibiting in Commerce Dept. bldgs 220
Pedestals, steel, stress distribution 230, 486
Pee Dee Experiment Station 152
Peek, E. D., Philadelphia, Pa., district, rp 589
Peerless Explosives Co., Inc 818
Peerless Motor Car Corporation 412
Pehrson, Elmer W.:
lead and zinc pigments and salts in 1929 961
lead in 1928 14
lead in 1929 773
value of 1928 mine production 298
Peiler, Karl E., patent appeal 159
Peiraievs, *see* Piraeus.
Peixotto, J. C., relief 22
Pekin quadrangle, N. Dak 701
Pelham Phosphate Co 181
Pellagra:
emergency food supply which will prevent 763
influence on epilepsy 936
protect yourself by milk, etc 762
these foods prevent pellagra, poster 762
Pellen, John H., maps of irrigation projects 168
Pelterie, Robert Esnault-, *see* Esnault-Pelterie, Robert.
Pelts, *see* Leather, hides, and skins.
Pempheridae collected by steamer Albatross 1002
Penal codes, *see* Codes of law.
Penal institutions, *see* Prisons.
Penang Harbor, charts 728, 1068
Pencils, rates on 816
Pend d'Oreilles, *see* Kalispel Indians.
Pend Oreille National Forest, lands 1000
Pendergast, W. L., fire clays 99, 230
Pendleton, A. S., findings in psychoneuroses 1086
Pendleton, Oreg., plant inspection 262
Penick & Ford, Ltd 890
Penick & Ford Sales Co., Inc 890
Peninsula, *see* name of peninsula.
Penis, gangrene caused by iodine solution 436
Penitentiaries, *see* Convict labor—Prisons—*also* names of States.
Penn, William F., stricture of rectum 852
Penn Bridge Co. *v.* United States 54, 55, 122, 412, 413
Pennsylvania:
anthracite in 1929 772
apples, marketing 862
bridges, *see* Allegheny River—Mahoning River.
census, 1930, population 383, 957
explosives accidents, anthracite mines 773
Federal aid highway maps 290, 1027
forest vegetation, effect of grazing 209, 281
New Jersey *vs* 1079
Page
Pennsylvania—Continued.
postal service—
mail routes, schedule 570
post route map 733
Senatorial campaign expenditures—
hearings 39, 162, 803
individual views of Mr. Patterson 803
report 803
timbering regulations in coal mines 388
Pennsylvania & Newark R. R 400, 406, 616
Pennsylvania Company 44
Pennsylvania Company for Insurance on Lives and Granting Annuities 914
Pennsylvania Dixie Cement Corporation 914
Pennsylvania Gift Fountain Association 30
Pennsylvania, Ohio & Detroit R. R.:
bonds 172, 813
proposed abandonment 46
Pennsylvania Railroad:
bonds 977
bridge at Trenton, N. J 400, 406, 616
coal traffic with Western Md. Ry 708
court cases—
Interstate Commerce Comn. *v.* 44, 714
v. United States 236
demurrage 709, 902
locomotives with cab signals 818
mail routes, schedules 130, 262, 925, 999
misrouting 713
operation and construction 705
operation under trackage rights 111
rates on—
benzol 707
bottles 174
cattle 48
coal 901
coal-tar pitch 709
cocoa 902
dolomite 903, 979
dye tubs 710
furniture 903
hoop planks 178
iron 178, 249, 424, 815, 980
limestone 49
logs 712
lumber 179 (3 entries), 545, 546 (2 entries), 712 (2 entries)
marble 1057
molds 547
monel metal 180
naphthalene 116
petroleum 1057
potatoes 321, 906
quebracho 547
sand 118, 321, 817
settees 183
soap 548
stone 981
tanks 184
tin-plate 184
wire glass 425
wood-pulp 982
zinc 716
zinc meta-arsenite compound 1059
stock 111
Pennsylvania State College:
School of Agriculture—
marketing apples 862
Pennsylvania Warehousing & Safe Deposit Co 720, 896, 1005
Penobscot River, navigation, etc., rp 940
Pensacola Bay, chart 605
Pensacola Bridge Corporation, bridge 503, 519, 619
Pensacola Creosoting Co., lumber 1056
Pensel, Eva K., relief 20
Pensel, Katie, relief 20
Pension Bureau, Interior Dept 315
consolidation of veterans' activities—
Executive order 69
law 29
report, 1930 315
see also Pensions Bureau, Veterans' Administration.
Pensions:
decisions 165
decisions, title-page, etc 417
for soldiers, sailors, widows, etc.—
China Relief Expedition (H. R. 16867) 652
Civil War (H. R. 13518) 402, 410, 780

Pensions—Continued. Page
for soldiers, sailors, widows, etc.—contd.
Civil War (H. R. 15930) 503, 528, 780
Civil War (H. R. 16744) 642, 689, 780
Philippine insurrection (H. R. 16867) 652
Regular Army (H. R. 16626) 508, 689, 780
Regular Army (H. R. 17262) 652
Regular Navy (H. R. 16626) 508, 689, 780
Regular Navy (H. R. 17262) 652
War with Spain (H. R. 16867) 652
wars other than Civil (H. R. 17262) 652
laws, apply to Coast Guard 24
laws, compilation 101
publications for sale by supt. of docs 534
widows, etc., of World War veterans 658
see also Civil service pensions—Foreign service—Old age pensions—*also* names of persons granted pensions.
Pensions Bureau, Veterans' Administration 365, 852
consolidation of veterans' activities—
Executive order 69
law 29
recognition of attorneys, laws, etc 365
see also Pension Bureau, Interior Dept.
Pensions Committee, House:
reports 508, 652, 795
Pensions Committee, Senate:
hearing 885
reports 410, 527–528, 689
Peoples Outfitting Co. *v.* United States 1061
Peoria & Pekin Union Ry., valuation 819
Peoria, Hanna City & Western Ry., control 542
Peppermint, as farm crop 152, 1025
Peppers, conditions affecting storage 147, 217
Peptic ulcer, diagnosis 366
Percolation rates of soils 598
Pere Marquette Ry.:
bonds 898
equipment trust, series of 1930 46
operation under trackage rights 111
rates on—
beans 319
filing cabinets 114
vinegar 549
switching charges 1058
Perennials, herbaceous 288
Perfect Voice Institute 971
Perfection Gear Co 236
Perfumery:
customs appeal 163
synthetic perfumes 354
Peril Strait, chart 770
Periodicals:
contributions to, copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
copyrighted 58, 255, 434, 918, 1063
index, etc., 1930 918
educational, directory, 1931 809
freight rates on 425
Government subscription periodicals 417, 535
magazine covers returned to publishers 836
Perishable commodities, *see* Agricultural products.
Peritonsillar abscesses, anesthesia 937
Perkins, Nelson S., how to judge a house 474
Perkins, Randolph (Representative from N. J.):
reports made by—
Accounts Com 394–395
Coinage, Weights, and Measures Com 397, 628
Perkins, S. O., soil, Prince Georges Co., Md 86
Perkiomen Creek, navigation, etc., rp 78
Perlas Islands, *see* Pearl Archipelago.
Perlman Rim Corporation *v.* United States 236
Permanent Conference on Printing 73
report, 1930 73, 451
Permanent Court of International Justice:
adherence of United States—
hearing 521
protocols 842
Permanent International Association of Road Congresses:
expenses of meeting in D. C 28
meeting in Washington, D. C., program, etc 133
same (in Spanish) 133
Permeameters for high magnetizing forces 775, 965
Permits: Page
intoxicating liquor manufacture, etc 934
oil and gas in Oregon Basin, Wyo 29
Permutit Co., sand 817
Perrigo, Harry E., patent appeal 229
Perrine, Henry C., relief 652
Perrine-Armstrong Co.:
logs 712
lumber 179, 546 (4 entries), 712 (2 entries), 905
Perrott, G. S., toxic gases from explosives 387
Perry, Howard, relief 22
Perry, Buxton, Doane Co., reconsignment 548
Perrygo, Watson M., cruise of Esperanza 840
Perry's Victory Memorial Commission 420
report, Dec. 1, 1930 420
Pershing machine in Govt. Printing Office 311
Persimmon, Japanese, effect of ethylene 757, 864
Personnel Administration Council, *see* Council of Personnel Administration.
Personnel and Business Administration Office, Agriculture Dept 281
Personnel Classification Board 731, 835, 997
allocations of positions, changes 351
classification act amended 25, 31
specifications for field serv. positions 835
wage and personnel survey, field serv 731, 835
Personnel research agencies 57
Peru:
la educación pública 65
law of industrial property 157
trading under laws of Peru 157
Pescado, Caleta, chart 259
Peshtigo River, navigation, etc., rp 205
Pests, intercepted on imported plants 377
see also Insects—Rodents—*also* names of pests.
Pet Milk Co., evaporated milk 710
Petalidi Bay, chart 126
Petar, Alice V., rare metals in 1929 387
Peters, A. J., Co., Inc., relief of receiver 511
Peters, August O., fee for agent 843
Peters, D. B., Naval Ammunition Depot, Hawthorne 829
Peters, Jesse J., röntgen diagnosis of tuberculosis 140
Peters, Melville F., ignition sparks 342, 1064
Peters, W. J., Polar Year Comn., resolutions 870
Peters Cartridge Co., felt 903
Petersburg Telephone Co., control 172
Petersen, Louise C., fee for attorneys of trustee 843
Peterson, A. A., alloys, flow characteristics 17, 98
Peterson, A. G.:
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
fruit and vegetable statistics 4
grain statistics 4
statistics of cattle, hogs, sheep, etc 84
statistics of miscellaneous crops 84
Peterson, Agnes L., activities of Women's Bur 990
Peterson, Alvah, egg parasite of oriental fruit moth 285
Peterson, Gilbert, relief 22
Peterson, J. A., gravel 178
Peterson Art Furniture Co., furniture 248
Peterson-Colwell, Inc., relief 22
Petit, Mary B., *v.* U. S. (cases 141–154) 53, 821
Petoskey, Mich., chart 368
Petran, Joe, relief 627
Petree, L. J. A., *v.* United States 335
Petrenko, S. N., Rockwell-Brinell relationships 17, 99
Petrified Forest National Monument 352
Petroleum:
benzene and hexane determination 965
compressibility, etc., of oils 302, 486
cost of crude petroleum 739, 845
effect of vacuum on oil wells 97
flowing oil wells, gas-lift method 158
importation, to regulate—
hearings 658, 671, 800
report 671
industry of Gulf Southwest 877
international trade, 1929 157
isolation of isomers of hexane 230, 390
Kevin-Sunburst oil field, etc., Montana 106
lubricant fractions, Cabin Creek petroleum 14
oil supply, rp. of Oil Conservation Bd 105
operations on restricted Indian lands 244
prospecting permits in Oregon Basin 29

Petroleum—Continued. Page
publications on—
oil leases, for sale 165
petroleum, for sale 808
rates on petroleum 117, 181, 321, 714, 906, 980, 1057
rates on petroleum products 181, 714
refineries, foreign countries, 1930 225
refineries, statistics, 1929 1036
refiners, information on lubricating oils 992
refining of light distillates 481
resistivity of oil-bearing beds 298
resources of San Joaquin Valley, Calif 106
routing 181
Seneca lands, receipts, etc., from leasing 534
separation of normal octane 775, 965
stock-raising homestead on oil lands 691, 784
Switzerland as petroleum market 386
toluene content determination 775, 966
unit plan of oil field development—
committee reports 655, 692
hearings 885
laws 28, 787
report of Oil Conservation Board 105
see also Fuel-oil—Naval petroleum reserves—Oil-shale.
Petroleum Iron Works Co. of Ohio 556
Petroleum liquid asphalt, rates on 321
Petroleum section 157, 225
Petty offenses, *see* Crime and criminals.
Pfaff, William, Jacob O. Bender *vs* 72, 335, 336
Phalerum Bay, chart 259
Pharr, William R., *v.* United States 556
Phase equilibria:
in system Cr_2O_3–Al_2O_3 1038
in system Cr_2O_3–SiO_2 99, 231
Phelan, Vincent B.:
care and repair of the house 880
same, descriptive circular 880
Phelps, J. R., arsenicals in syphilis (2 entries) 61
Phenol:
esters, pharmacological action 273, 749
germicidal efficiency with soaps, etc 371, 372
Phenolic resin, synthetic 739, 931
Philadelphia, Pa.:
aviation charts 62, 1067
chart of waterfront 1033
encampment of Spanish War Veterans 1040
meeting of International Association of Public Employment Services 1062
Naval Hospital, construction 617, 688
postal delivery, separation scheme 129
railroad accident, Reading locomotive 426
rivers and harbors in district, rp 589
unemployment (2 entries) 57
working mothers 723
Philadelphia & Norfolk Steamship Co 708
Philadelphia & Reading Ry., valuation 549
Philadelphia, Baltimore & Washington R. R 898
Philadelphia Leather House 699
Philadelphia Warehousing & Cold Storage Co 720, 721, 896, 1005
Philippides, Demetrius, *v.* Benjamin M. Day 721, 930
Philippine Islands 857
biology, contributions to 1002
checking and arrastre charges 28
classification of Federal employees 1001
coast pilot 12, 769
governor general, report, 1929 857
immigration into U. S., exclusion 32
independence—
hearing 232
power of Congress to alienate sovereignty 797
insurrection—
pensions, amend act of June 2, 1930 652
Quartermaster Corps hospitalization, report 689
Quartermaster Corps hospitalization, veto 735
relief of certain volunteers, hearings 657, 796
relief of certain volunteers, report 511
maps and charts—
catalogue of charts, etc 605
map 537
mine production value, 1928, map 298
radio stations, charts 1069
money-order post offices 129
opium, etc., traffic, 1928 and 1929 272

Philippine Islands—Continued. Page
publications for sale by supt. of docs 165
salaries of officials 530
Philips, John, relief of widow 22
Philips, Josefa T., increase of pension 22
Philipsborn, Martin M., *v.* United States 335
Phillips, Annie G., *vs.* comnr. of internal rev 1079
Phillips, E. F.:
beekeeping in buckwheat region 213
bees 865
Phillips, Estelle R., sand and gravel in 1929 962
Phillips, F. E., Fed. Trade Comn. rp., etc 239
Phillips, Frank M., statistical summary of education, 1927–28 241
Phillips, I. L., case of executors 55, 325
Phillips, Matilda, Latin American foreign trade in 1929 923
Phillips, S. W.:
soil surveys—
Muskingum County, Ohio 86
Washington County, Ohio 284
Phillips, Tracy L., relief 527, 615
Phillips, W. J.:
corn earworm as enemy of field corn 598
wheat jointworm and its control 285
Phillips & Co., Inc., potatoes 249, 906
Philo, L. H., Corporation 987
Phipps, A. S., relief 780, 799
Phipps, Lawrence C. (Senator from Colo.):
reports made by—
Appropriations Com 406
Irrigation and Reclamation Com 523, 681
Post Offices and Post Roads Com 410, 689
Phlebitis, suppurative, of femoral vein 140
Phoenix Horse Shoe Co 178
Phoenix Indemnity Co 358
Phoenix Utility Co.:
cinders 978
insulator pins 1057
iron 980
Phormium tenax, paper-making properties 775, 964
Phosphates:
effect on calcium retention of pigs 861, 945
mechanical analysis 284
production of phosphate rock in 1929 961
rates on 181, 714, 817, 981, 1057
see also Magnesium ammonium phosphate.
Phosphorus:
addition to bearing bronzes 99, 230
content of blood sera of lepers 851
in growing mung bean 465, 466
Photo-ionization, caesium 17, 98, 99, 230 (2 entries), 390
Photographic films, unpermissible inclosures 569
Photographic plates, development 17, 99
Photographic supplies, specifications, etc 747
Photographs:
aerial, regulations for reading 938
copyrighted 58, 255, 562, 918, 1063
copyrighted, index, etc., 1930 918
Photosynthesis 354
Phrenicotomy:
closure of basilar cavity 585
in nonapical pulmonary tuberculosis 585
report of 13 cases 366
Physical development and posture, pt. 4 936
Physical education:
and hygiene 891
physical education series 891
Physical examination:
aliens, regulations 749
exámenes médicos periódicos 834
insurance rejections and mortality 584, 935
medical examiners' manual, Veterans' Bur 457
medical surveys, recruiting viewpoint 256
of lungs, should X-ray displace? 585
reports from rating standpoint 274
women, annual examination 1014
Physical exercise:
for mentally ill, factors of program 203
for psychotic patients, value 585
in pulmonary tuberculosis 203, 585, 852
Physical fitness and posture 916
Physical impairments, occupational class 139, 364
Physical standards, airplane pilots 221
Physicians' pocket reference 1031
Physics of the universe 355
Physiographic Committee of Geological Survey 892

Page
Phytomonas citri, physiological studies 147, 148
Phytophaga destructor, wild grasses as hosts 1022
Pianos, rates on 353
Pickard, Marjorie M., Kahn test in rabbit syphilis 76, 203
Pickernoll, Rose P., *v.* U. S. (cases 141–154) 53, 821
Pickles, rates on 49
Pickwick-Greyhound Lines, Inc 182
Pickwick-Greyhound Lines, Inc., of Illinois 182
Pictou Harbor, chart 994
Pictures, *see* Illustrations—Mot'on pictures—Paintings—Photographs.
Pidgeon, Mary E.:
wages of women in 13 States 990
women in Florida industries 254
Piedmont & Northern Ry 358, 422
Piedra district, Colo., Pueblo ruins 70
Piedrabuena, Puerto, chart 259
Pierce, Gertrude, relief 20
Pierce, Leslie, apple bitter-rot 471
Pierce, M. R., position tables 993
Pierce, W. Dwight, weevils 447
Pierce Arrow Motor Car Co 389
Pierce County, Wash., coal tests 1035
Pierson, John, misrouting 713
Pieters, A. J.:
anthracnose, cause of red clover failure 949
green manuring 764
Pig, *see* Swine.
Pig iron, *see* Cast-iron.
Pig skins, *see* Leather, hides, and skins.
Pigeon River, bridge in Minnesota 518, 640, 787
Pigeons:
homing pigeons, their care and training 1020
squab raising 760
Pigments, lead and zinc, in 1928 961
see also Paint.
Pigs, *see* Swine.
Pigskin, *see* Leather, hides, and skins.
Pikes Peak Consolidated Fuel Co 719
Pilger, Adolph, *v.* Alien Property Custodian 602
Piling, rates on 117, 547, 714, 906, 981
Pillager bands of Chippewa Indians, *see* Chippewa Indians.
Pilliod Lumber Co 358
Pillowcases, standard stock catalogue 848
Pillsbury Flour Mills Co., grain 711
Pilot balloons, *see* Balloons.
Pilot charts:
Atlantic Ocean, north 63, 126, 192, 345, 438, 566, 729, 833, 921, 995, 1068
upper air 63, 127, 192, 258, 345, 438, 566, 729, 833, 922, 995, 1068
Atlantic Ocean, south 63, 258, 566, 921
Central American waters 63, 126, 192, 258, 345, 437, 566, 728, 833, 921, 994, 1068
Indian Ocean 63, 126, 192, 258, 345, 438, 566, 729, 833, 921, 995, 1068
Pacific Ocean, north 63, 127, 192, 258, 345, 438, 566, 729, 833, 921, 995, 1068
upper air 63, 127, 192, 259, 345, 438, 566, 729, 833, 922, 995, 1069
Pacific Ocean, south 63, 258, 566, 922
Pilot guides, *see* Coast pilots—*also* names of localities.
Pilot rules:
inland waters of Atlantic, etc., coasts 232, 486
rivers flowing into Gulf of Mex., etc 486
Pilots, *see* Aviators.
Pima cotton, *see* Cotton.
Pine, W. B. (Senator from Okla.):
reports made by—
Indian Affairs Com 408, 678
Pine:
American pitch pine and its uses 960
hour control for fire protection, Calif 151
loblolly, rel. between wood stain, etc 209, 217
lodgepole pine—
beetle control by solar heat 86
production, etc., of seed 87
longleaf, diameter growth in Florida 209, 215
southern pine regions survey 949
southern pines, rate of 2d-growth 215
timber growing and logging practices 286
treasures, turpentine and rosin 866
yellow, effect of Ceanothus brush 210, 286
Pine beetle, control by solar heat 86
Pine flax, yellow 371, 471
Pine Glass Corporation, fruit-jars 177, 320
Pine Ridge Res., trust period extended 734

Page
Pineapple:
canneries of Hawaii, women in 433
enfermedades y plagas de la piña 834
Pines, Isle of, *see* Isle of Pines.
Piney Branch road, D. C., widening 497, 616, 675
Pink bollworm, quarantine modification 371
Pinkerton, Robert M., airfoil pressure distribution 190, 255, 1064, 1065
Pinnacles National Monument, proclamation 927
Pinos, Isla de, *see* Isle of Pines.
Pins, insulator, rates on 1057
Pinson, Dave, court case 1004
Pioneer Cooperage Co., court case 987
Pioneer Steamship Co., to pay 36, 494, 780
Pioneer stories for young folks, etc 973
Pioneer Telephone Co., acquisition 705
Pipe:
instructions relative to piping 60
rates on 117, 182, 321, 547, 714, 817, 906, 1057
standard stock catalogue 136, 270, 580, 848
see also Sewer-pipe.
Pipe couplings, rates on 182
Pipe fittings, instructions 60
Pipe-lines:
currents and soil resistivity 880, 1039
interstate commerce act to apply 794
permit for importation of gas 692
Pipe nipples:
commercial standard 965
standard stock catalogue 965
Pipe organs, duty, decreasing rates 1075
Piper, C. V.:
green manuring 764
velvet bean 1026
Piper, E. D., occupational-therapy assignments 585
Pipes, report of Tariff Comn 1080
Piraeus, chart 259
Pires, Louis A., case of admr 335
Pirtle, T. R., dairy and poultry statistics 84
Pisgah National Forest, resources, etc 216
Pistols, automatic, standard nomenclature 856
Piston gages for precision measurements 1038
Pitch:
rates on 182, 1057
Pitch pine, *see* Pine.
Pitt, William, patent appeal 483
Pitt County, N. C., syphilis among rural Negro population 365, 584
Pitt River, power site restoration 130, 196
Pitthan, William L., relief 627, 738
Pittman, Key (Senator from Nev.):
reports made by—
Foreign Relations Com 676
Public Lands and Surveys Com 692
Pitts, G. Bryan, *v.* superintendent of Washington Asylum and Jail 914
Pittsburg & Shawmut R. R.:
securities 318
valuation 185
Pittsburg Boiler & Machine Co., derricks 902
Pittsburg, Shawmut & Northern R. R.:
rates on—
carbon flour 978
coal 708
Pittsburgh, Pa.:
post office station separation 349
rivers and harbors in district, rp 589
Pittsburgh & Ashland Coal & Dock Co 708
Pittsburgh & Lake Erie R. R.:
construction 247
rates on—
sulphuric acid 818
vaseline 119
Pittsburgh & West Virginia Ry.:
bonds 318
construction and operation 705
notes 542, 899, 977
vs. United States 359
Pittsburgh, Cincinnati, Chicago & St. Louis R. R.:
acquisition 46
bonds 318
bridge 517, 617
Pittsburgh Experiment Station, Mines Bur 227
Pittsburgh, Fort Wayne & Chicago Ry 400
Pittsburgh Provision & Packing Co.:
calves 707
commissioner of internal revenue *v* 335
Pittsburgh Steel Co 424
Pittsburgh Union Stock Yards Co 335

Page

Pittsburgh, Youngstown & Ashtabula Ry 899
Pittston Paper Corporation 119
Place names, *see* Names.
Plague in Ecuador 202 (2 entries), 364, 583
Planes (aircraft), *see* Airplanes.
Plankton:
and related organisms 583
influence on biochemical oxidation 750, 936
production in fish ponds 95
relation to purification of streams 584
Plant containers, effect on temperature of soil contents 861, 945
Plant Industry Bureau 8, 88, 152, 216, 287, 376, 471, 599, 763, 867, 949, 1024
inventory 288, 868, 1025
report, 1930 289
service and regulatory announcements 8, 600
Plant Introduction Gardens, Canal Zone, *see* Panama Canal (zone).
Plant Introduction Office or Division, *see* Foreign Plant Introduction Office or Division.
Plant Quarantine and Control Administration 8, 89, 152, 377, 472, 951
report, 1930 377
service and regulatory announcements 8, 377, 472
index, 1929 152
title-page and contents, 1929 152
work 472
Planters Package Co., boxes 112
Planting, *see* Agriculture.
Plants:
botanical visit to Africa 840
drug plants under cultivation 288
Federal standard stock catalogue 1008
greenhouse, injurious insects 1022
imported—
by Foreign Plant Introduction Office 288, 868, 1025
entry, rules and regulations 951
medicinal plants of commercial importance 88
movement into and out of D. C., rules, etc 951
patents, Executive order 264
postal regulations—
addressed to places in Mississippi 262
addressed to places in Oregon 66, 998
inspection at Hermiston, Oreg 261
inspection at Pendleton, Oreg 262
inspection at St. Helens, Oreg 569
publications—
for sale by supt. of documents 417
on insects injurious to plants 417
quarantine regulations 466
quarantines, summary 89, 951
run-off, etc., influenced by cover 763
water requirement of crop plants 757, 868
see also Diseases of plants—Perennials—Poisonous plants—*also* names of plants.
Plants (fossil):
Denver and associated formations 106
Upper Cretaceous floras of Alaska 43
Plaster:
gypsum, standard stock catalogue 1082
rates on 547, 714, 1057
Plaster-board, gypsum, stock catalogue 1082
Plaster of paris:
packaging of dental plaster 965
Plastic works:
copyrighted 58, 255, 562, 918, 1063
copyrighted, index, etc., 1930 918
Plate-glass, *see* Glass.
Plated ware, catalogue, Coast Guard store 136
Plates (metal):
rates on iron and steel plates 981
strength under edge compression 562, 1064
Platinum:
freezing point 1038
production in 1929 227
Platoon schools:
las escuelas platoon de la ciudad de Santa Mónica 1071
Platt & Brahm Coal Co 113
Plattsburg Barracks, construction 648, 787
Platystomoidea, studies of weevils 447
Plaut, L. S., & Co 335
Play suits for winter 216

Page

Playground and Recreation Association of America, *see* National Recreation Association.
Playground equipment, specifications, etc 748
Playgrounds:
school playgrounds 166
Playgrounds Department, D. C., report, 1930 414
Plein, L. N.:
analyses of delivered coal 609, 772
relation of mine samples to shipments 609, 772
Pleistocene period:
avifauna of Pleistocene in Florida 928
occurrence of goat-antelope, Colo 446
Plexus, cervical, blocking for surgery 274
Ploscowe, Morris, critique of Federal criminal statistics 828
Plotting sheet, aviation 192
Plum curculio in Georgia peach belt 214
Plumbers' supplies:
china plumbing fixtures 17
hospital plumbing fixtures 391
rates on 117
Plumbing:
farm plumbing 289
simple repairs in the home 378
supplies, specifications, etc 747
Plummer, Mrs. Nixon S., appointment 735
Plummer, W. C., retail credit survey, 1930 386, 876
Plymouth, Mass., intake pipe in Warren Cove 392
Plywood webs for airplane wing beams 1064
Pneumonia:
influenzal pneumonia, clinical report 256
mortality in 50 large cities, 1910–29 203, 583
Pneumothorax:
artificial, in pulmonary tuberculosis 140
artificial, indications, etc 274
basilar cavity closure as adjunct 585
spontaneous, bilateral 140, 1011
spontaneous, recurrent 1011
Pocahontas, Ark., bridge 635
Pocahontas Tanning Co 250
Pocket-gophers, habits and economic status 597
Pocono Pines Assembly Hotels Co 122, 987
Podall, H. C., prognosis in mental diseases 585
Poisoning, *see* Poisons.
Poisonous plants:
Corydalis caseana, toxicity 757, 861
laurels as stock-poisoning plants 372
St. Johnswort, effect on cattle and sheep 149
Poisons:
arsenical compounds, toxic effects 61
enforcement of caustic poison act 469
food poisoning—
death caused by oysters 61
on board U. S. S. Stewart 256
gelatin explosives, toxic gases 387
industrial, safety rules for navy yards 834
lead poisoning from chipping 829
methyl chloride poisoning 139
warning agents of poisonous gases 387
see also Toxins.
Poland:
claim 498, 521, 618
liquor smuggling, convention with U. S 267
sales districts 1035
Polar expeditions:
2d polar year program, U. S. participation—
Congressional committee reports 631, 677
State Department report 738
Polar Year Commission, resolutions 870
Polaris, 1931 ephemeris and azimuth tables 418
Pole, G. R.:
moisture expansion of glazes, etc 775, 965
strains between glazes and bodies 17, 98
Poles:
census report, 1929 874
in farm construction 869
rates on 906
Police Department, District of Columbia:
report, 1930 414
salaries 24, 393
Policing military roads in Virginia 32
Polishes:
polishing materials 232
specifications, etc 747
standard stock catalogue 135
Political parties, documents, etc., rel. to 809
Political science, publications on 809

Page

Polk County, Mo., soil survey 213
Pollen, production in potato 465, 600
Pollution of water, *see* Water pollution.
Polyconic projection, *see* Map projection.
Polycyrtus genus of ichneumon-flies 841
Polymorphinidae, foraminiferal family 132
Polystomella crispa, researches of Lister 354
Pomadasyidae collected by steamer Albatross 1002
Pomerantz, Emanuel, *v.* United States 915
Pomerantz, Harry, relief 20
Pomeroy, C. S.:
citrus fruit growing 287
pruning citrus trees in the Southwest 289
Ponca City, Okla., term of court 24
Ponca Indians, trust period extended 570
Pond quadrangle, Calif 167
Pondfish culture 156
Ponds, plankton production 95
Ponevacs, Rudolph, relief 18
Pontchartrain R. R., abandonment 247
Pontius, B. E., urinary calculi in sheep 861, 945
Pope, Allen, *v.* United States 695, 969, 987, 1043, 1061
Pope, George W.:
determining age of cattle by teeth 863
disinfection of stables 597
Pope, W. T., papaya culture in Hawaii 214
Popenoe, C. H., mushroom diseases and carriers 217
Popes Creek, Md., bridge 401, 518, 618
Poplar, Mont.:
bridge 27
high school available to Indian children 618, 634, 679
Poplar, nemic fauna of slime flux 209, 288
Poplar Point Nursery, amount for watchmen 659
Popovici, John C., court case 358
Population:
ancient America 353
census publications for sale 808
census schedule, coding instructions 93
Indian, 1930 census instructions 11
of States, etc.—
Alabama, census, 1930 221, 954
Alaska, census, 1930 381
American Samoa, census, 1930 222, 768
Arizona, census, 1930 381, 954
Arkansas, census, 1930 154, 872
California, census, 1930 381
Colorado, census, 1930 382, 954
Connecticut, census, 1930 221, 954, 955
Delaware, census, 1930 92, 382, 955
District of Columbia, census, 1930 92, 603
Florida, census, 1930 382, 955
Georgia, census, 1930 222, 955
Guam, census, 1930 222, 768
Hawaii, census, 1930 155
Idaho, census, 1930 382, 955
Illinois, census, 1930 382
Indiana, census, 1930 382
Iowa, census, 1930 293, 955
Kansas, census, 1930 222, 955
Kentucky, census, 1930 382, 956, 1030
Louisiana, census, 1930 293, 956
Maine, census, 1930 155, 873, 956
Maryland, census, 1930 222, 956
Massachusetts, census, 1930 293, 383
Michigan, census, 1930 383, 956, 1030
Minnesota, census, 1930 293, 1030
Mississippi, census, 1930 222, 956
Missouri, census, 1930 383
Montana, census, 1930 383
Nebraska, census, 1930 222, 874
Nevada, census, 1930 222, 874, 956
New Hampshire, census, 1930 93, 383, 768, 956
New Jersey, census, 1930 293, 957
New Mexico, census, 1930 383, 957
New York, census, 1930 383
North Carolina, census, 1930 222, 293, 957, 1030
North Dakota, census, 1930 383, 957
Ohio, census, 1930 293, 957
Oklahoma, census, 1930 293, 957
Oregon, census, 1930 383
Panama Canal Zone, census, 1930 222
Pennsylvania, census, 1930 383, 957
Porto Rico, census, 1930 93
Rhode Island, census, 1930 222

Page

Population—Continued.
of States, etc.—continued.
South Carolina, census, 1930 222, 383, 476, 957, 1031
South Dakota, census, 1930 383, 1031
Tennessee, census, 1930 384, 958
Texas, census, 1930 384, 958
Utah, census, 1930 293
Vermont, census, 1930 155, 769, 958
Virgin Islands, census, 1930 222, 958
Virginia, census, 1930 222, 958, 1031
Washington, census, 1930 384
West Virginia, census, 1930 222, 958
Wisconsin, census, 1930 294, 959
Wyoming, census, 1930 294, 959
of United States—
number and distribution of inhabitants 957
number of persons exclusive of Indians not taxed 381
summary for United States 476
Pork:
blacktongue preventive value, salt pork 138
market cuts affected by hog weight 5
see also Swine.
Pork hide trimmings, rates, cancellation 979
Porpoises, Alaskan, 2 skeletons 446
Port, *see* Harbors—*also* name of port.
Port Arthur, Tex.:
bridge 28
Chamber of Commerce and Shipping—
grain 711
lumber 904
Port Arthur Canal & Dock Co., relief 781, 799
Port charges, *see* Terminal charges.
Port Huron, Mich., bridge 28, 37, 641, 672, 788
Port Jefferson, N. Y.:
chart 875
pier and wharf, legalize 28
Port of New York, *see* New York City—New York Harbor.
Port of New York Authority, property at Hoboken, N. J 671
Port of Spain, Trinidad, aviation chart 832
Port St. Joe Dock & Terminal Ry., bonds 705
Port Utilities Commission of Charleston, S. C., demurrage 902
Port Washington Harbor, chart 143
Portage Bay, chart 295
Portage Celery Growers' Association 424
Portage Lake, chart 1014
Porter, Edith R., *v.* United States 695, 1061
Porter, J. A., soil of Jackson County, Mich 212
Porter, W. H., court case 930
Porter, William W., court case 55, 122, 359, 719, 930
Porter Oil Co., gasoline 904
Porters Ferry, dam 503, 788, 800
Portland, Oreg.:
chart 605
rivers and harbors in district, rp 589
switching charges 118
Portland Billiard Ball Co 238
Portland cement, *see* Cement.
Portland Terminal Co., notes 172
Portland Traffic & Transportation Assoc 979
Porto Rican Hurricane Relief Commission 441
report, Oct. 1929–Sept. 1930 441
Porto Rico 143, 857
agricultural experiment work—
hearing 395
law 787
reports 490, 660
Agriculture, etc., Dept. (organic act)—
hearing 530
reports 500, 530, 634
aviation chart 437
census, 1930, population bulletin 93
chart 1033
coast pilot, supplement 223
Commerce and Industry Bureau—
report, 1930 857
commissioners, to amend organic act—
hearing 530
report 530
district court, temporary judge 67
governor, report, 1930 857
House of Representatives—
filling of certain vacancies, hearing 530
filling of certain vacancies, report 530, 634

Page

Porto Rico—Continued.
hurricane frequency 291
Labor Dept. (amendment of organic act)—
hearing 530
reports 500, 530, 634
laws, 1930 143
Legislature—
acts, etc., Feb. 10–Apr. 15, 1930 143
light list 608
map 537
market, understanding 961
military post, estimate for construction 744
postal service—
money-order post offices 129
post route map 733
schedule of mail routes 570
publications for sale by supt. of docs 165
radio stations, chart 1069
reforestation, etc., act, to extend to P. R.—
hearings 530, 882
law 790
reports 490, 530, 660
rivers and harbors in district, report 589
Senate—
filling of certain vacancies, hearing 530
filling of certain vacancies, report 530, 634
to amend organic act—
hearing 530
law 787
reports 500, 530, 634
to change name to Puerto Rico 500
vocational education and rehabilitation—
estimate 846
hearings 398, 530
law 787
reports 398, 530, 630, 656
Porto Rico Agricultural Experiment Station 6, 214
publications, list and index 6
report, 1929 214
Porto Rico Magnetic Observatory 604
Ports, *see* Harbors—*also* names of ports.
Ports of entry and delivery, *see* Customs Service—*also* names of ports.
Portsmouth, N. H., relief 617, 664
Portugal, chemical industry and trade 1034
Position tables for aerial, etc., navigation 993
Possession Road, chart 1067
Possessions of United States, *see* Outlying possessions.
Post, Dan M., linseed-oil 816
Post Office and Post Roads Committee, House:
calendar 33
reports 404, 653, 795
Post Office Department 66, 128, 194, 261, 347, 441, 568, 731, 835, 924, 997, 1071
appropriations, 1931—
draft of proposed provision 742
estimate 742
laws 261
appropriations, 1932—
draft of proposed provision 742
hearings 395, 406
laws 789, 997
reports 394, 396, 406, 488, 621
employees—
certain positions excepted from exam 352
personnel changes, instructions 1072
salaries, amend act reclassifying, hearing 689
salaries, amend act reclassifying, report 795
shorter work week, committee report 410
shorter work week, law 618
shorter work week, postal instructions 731, 924
travel regulations 1072
finances, etc., address of F. A. Tilton 442
inspectors, supplies furnished 1073
notices on forms, instructions 129, 348, 441
parcel post service, poster 442
quarterly summaries, etc., instructions 350
report, 1930 442
useless papers, disposition 530
Post-Office Leases Select Committee, Senate:
hearings 528
Post office supplies, *see* Postal supplies.
Post-offices:
buildings for stations, branches, etc 508, 653, 690
foreign, list of names changed 66, 349
leases, hearings on investigation 528
leases, report of Postmaster General 262

Page

Post-offices—Continued.
money-order offices, register, 1930 129
nominations, etc., manner of making 220
organizing for Christmas 348
State list 262
see also Postal service—*also* names of places where located.
Post Offices and Post Roads Committee, Senate:
calendar 528, 803
hearings 689
reports 410, 528, 689
Post roads, *see* Roads.
Post route maps:
list 733
price list 837
Postage:
directory service charge 404
magazine covers returned to publishers 836
rates, 1789-1930 129
receipts on matter mailed under permit 261
sealed parcels at 3d or 4th class rates 66
Postage-stamps:
coils, separate requisitions submitted 924
commemorative stamps—
General Pulaski stamp 442
General von Steuben stamp 262, 442
Harding 1½-cent stamp, design changed 349
Red Cross stamps 998
defective stamps not to be sold 442
postage-due stamps 731
precanceled, use on holiday mail 349
Postal bulletin, *see* Postal service.
Postal clerks, *see* Railway Mail Service.
Postal contracts, *see* International postal service—Mail contracts.
Postal guide, *see* Postal service.
Postal laws, *see* Postal service.
Postal money-orders, *see* Money-orders.
Postal rates, *see* Postage.
Postal savings bonds, information 569, 925
Postal savings funds, deposit in banks 443
Postal Savings System 443, 569, 925
report, 1930 443
Postal service:
appropriations, *see* Post Office Department.
certain positions excepted from exam 352
in Canal Zone 639
laws and regulations—
amendments 66, 128, 262, 835, 924
amendments, numerical index 350
inserts 129, 195, 262, 350, 442, 569, 732, 836, 925, 998, 1072
official postal guide 129, 195, 262, 350, 442, 569, 732, 836, 925, 998, 1072
personnel changes, instructions 1072
postal bulletin 66, 129, 195, 262, 349, 442, 569, 732, 836, 925, 998, 1072.
index to v. 51 569
publications for sale by supt. of docs 311
quarterly summaries, etc., instructions 350
salaries, amend act reclassifying—
hearing 689
report 795
shorter work week—
committee report 410
law 618
postal instructions 731, 924
travel regulations 1072
vouchers for payments for services 998
see also Air mail—Insured mail—International postal service—Letter-carriers—Mail delivery—Mail matter—Money orders—Parcel post—Postage—Postmasters—Railway Mail Service—Star routes—*also* certain headings beginning Post and Postal—*also* names of States, cities, etc.
Postal Service Division, *see* International Postal Service Division.
Postal supplies:
awards, 1931, lists 66, 262
furnished post offices, inspectors, etc 1073
requisitions, information for filling 998
3d-class postmasters, equipment allowance 795
vouchers covering payments 998
see also special subject.
Poster notice to mariners, Lighthouses Bur 14

Page

Posters, *see* name of Department, bureau, etc., issuing poster—*also* special subject.
Postmaster General, *see* Post Office Department.
Postmasters:
equipment allowance, 3d-class postmasters 795
instructions for personal changes 1072
responsibility, to fix more equitably 653, 689
salaries, to amend act reclassifying—
hearing 689
report 795
Postmasters, National Association of, *see* National Association of Postmasters.
Postmen, *see* Letter-carriers.
Posts (military), *see* Military posts.
Posture:
and physical fitness 916
physical development and posture, pt. 4 936
Potash:
bibliography to 1928 387
production in 1929 387
Potassium, heat contents in aqueous solutions 964
Potassium iodide:
in feeding swine 3, 4, 83
supplement to ration of chicks 3, 83
Potassium sulphocyanate in hypertension 274
Potato, *see* Potatoes.
Potato beetle, catalase content 371, 374
Potato chips, factors influencing color 209, 281
Potatoes:
chemical test for culinary quality 950
chromosome behavior and pollen 465, 600
crop statistics by States, 1929 and 1930 466
Federal standard stock catalogue 361
how to grow acre of potatoes 868
marketing early commercial crop 466
production in far Western States 289
production in the South 764
rates on 49, 117, 249, 321, 547, 817, 906, 981, 1057
regulations governing entry into U. S 89
seed, effect of irrigation water 377
storage and storage houses 377
why potatoes run out 1025
see also Sweet potatoes.
Potawatomi Indians, trust period extended 734
Potomac Electric Power Co., relief 627, 665
Potomac River:
bridge 401, 518, 618
chart 223
structures in D. C 31
Pottawatamie Indians, *see* Potawatomi Indians.
Pottawattamie County, Iowa, bridge 617, 637, 670, 786
Pottinger, S. R., menhaden fish oil 960
Potts, C. G.:
farm slaughtering and use of lamb, etc 467
Karakul sheep 467
lamb twins 5
milk goats 5, 1020
raising sheep on temporary pastures 149, 947
sheep improvement 760
Pottstown Iron Co. *v.* United States 556
Poulson, E. N.:
soil surveys—
Bear Valley area, Idaho 212
Deming area, N. Mex 864
Poultney River, navigation, etc., rp 205
Poultry:
American, Asiatic, etc., classes 283, 947
capons and caponizing 759
diseases and parasites 467, 1021
dressed, icing and reicing charges 548
European, Oriental, etc., breeds 211
feeding chickens 1021
from rinderpest, etc., regions 209
inbreeding harmful if practiced closely 5
incubation and brooding of chickens 596
indemnity for insured, etc., chicks 66
industry of United States, rp. at London 4
nematodes, pathological conditions 149
potassium iodide for growing chicks 3, 83
production increased by battery brooding 85
protect yourself from pellagra 762
publications for sale by supt. of docs 165, 972
rates on 49, 182, 714, 981
Spiruroidea parasitic 863
standard breeds and varieties 211, 283, 947
statistics 84
tuberculosis of fowls 1021

Page

Poultry Congress, *see* World's Poultry Congress.
Poultry Convention, *see* American Vocational Dairy and Poultry Convention.
Powder, microscopic particles, separation, etc 609
Powdered milk, *see* Milk.
Powdery mildew of apple, control 377
Powe, J. L., admr., Atlantic Coast Line R. R *vs* 1005
Powell, Clifford R., tunnel 636
Powell, J. A., Co 698
Powell, R. G.:
Cincinnati, Ohio, district, rp 587
Louisville, Ky., district, rp 588
Powell, Susan N., *v.* Robert J. Hoage, etc 188
Powell National Forest, addition 509, 528, 783
Powelson, Wilfrid V. N., patent appeal 879
Power, Henry I., relief 781, 802
Power, *see* Electric power—Water-power.
Power-boats, *see* Motor-boats.
Power City Produce Co., strawberries 907
Power Commission, *see* Federal Power Commission.
Power plants, *see* Electric power plants.
Power shovels, rates on 981
Power-site Crossing, Mont., bridge 27, 637
Powers, George H., packing, etc., of egg case 148
Powers, W. L., Grande Ronde Valley area, Oreg 212
Powers-Begg & Co., meat 905
Praia, Porto, chart 994
Prairie du Chien, Wis., bridge 400, 487
Prairie Oil & Gas Co., reconsignment 817
Prather, Van L., *v.* United States 888, 987
Pratt, Harold L., relief 494
Pratt, Phyllis, relief 494
Precedence of assistant Secretaries of War 69
Prechlorination in water filtration 456, 851
Precious metals:
Federal standard stock catalogue 744
production, 1929 455
see also names of metals.
Precipitation:
and winter temperature, relation between 871
daily, monthly, and annual normals, 1878–1927 219
in—
California, seasonal 952
Iowa, secular trend 9
Utah, valleys and mountains 1027
trend of precipitation 153
see also Rain—Snow.
Precision instruments:
cryostat with automatic regulation 775, 965
resistance standard, new design 99, 230
Predatory-Animal and Rodent Control Division 863
Predatory animals, *see* Animals.
Prehistoric man, *see* Man.
Prehistoric villages, *see* Villages.
Preisler, Paul W., oxidation-reduction 851
Premier Red Ash Coal Corporation 905
Prenatal care 340
Prentiss, D. S., bridge 637, 669, 786
Preparatory Commission for Disarmament Conference:
report and draft convention 1078
Presbrey-Leland Studios, Inc., granite 815
Prescott, Sydney I., patent appeal 159
Prescott & Northwestern R. R., excess income 703
Prescott Harbor, chart 368
Preservatives:
application to fishing nets 875
ordnance, nomenclature list 278
photographic preservers, stock catalogue 1083
prevention of nitrogen loss in excreta 209, 281
President, Pa., bridge 635, 782, 799
President of United States 67, 130, 195 263, 351, 443, 570, 733, 837, 926, 999, 1074
addresses—
American Bankers Assoc. convention 263
American Federation of Labor convention 263
American Legion convention 263
anniversary of Battle of Kings Mt 263
Child Health, etc., Conference 351
Cornell war memorial dedication 1074
Indiana Republican Editorial Assoc 1074
Lincoln tomb dedication 1074
Lincoln's birthday 733
National Advertisers Assoc. dinner 351

President of United States—Continued. Page
addresses—continued.
radio address at Heinz Co. banquet 351
Red Cross 50th anniversary 1074
Valley Forge Park 999
World Internat. Friendship Alliance 443
drift toward dictatorship 797
Executive Office appropriations, 1931—
estimate 451
Executive Office appropriations, 1932—
estimates 451
hearings 490, 661
law 784
reports 491, 620, 661
Executive orders—
uniform style and safeguarding 1074
see also special subject.
messages—
at beginning of 71st Cong. 3d sess 444
see also special subject.
proclamations—
1929–30, in session laws 392
uniform style and safeguarding 1074
see also special subject.
term of office—
hearing 656
reports 630, 656
veto messages—
adjusted service certificates 734
claims of Chippewa Indians 734
claims of Choctaw, etc., Indians 734
Muscle Shoals properties 838
Quartermaster Corps hospitalization 735
relief of Homer N. Horine 734
relief of Joseph Marko 735
see also subjects of Executive orders and proclamations—*also* Wilson, Woodrow.
President's Child Welfare Conference, *see* White House Conference on Child Health and Protection.
President's Commission on Education in Haiti, *see* Haiti, Commission on Education in.
President's Commission on Law Observance and Enforcement, *see* National Commission on Law Observance and Enforcement.
President's Emergency Committee for Employment 445, 571, 927
community plans and action 927
employment in retail establishments 871
institutional construction 872
modernizing the home, suggestions 871
policies in industrial employment 767
regularization of employment, bibl 603
relief in industry, unemployment survey 445
repairs, etc., in the house, suggestions 484
spruce up your garden 767
unemployment, industry seeks a solution 767
Presque Isle, chart 591
Press, George, relief 409, 615
Press releases, State Department 71, 133, 199, 267, 357, 448, 575, 738, 843, 929, 1003, 1078
title-pages and indexes 199, 738
Press Union Publishing Co., paper 713
Preston, J. B., Co., Inc., mica 713, 980
Preston, Mary, admx., James C. Davis *vs* 358
Presumpscot River, navigation, etc., rp 940
Pretts, William M., myomalacia cordis 76
Preventive medicine, *see* Medicine.
Priacanthidae collected by steamer Albatross 1002
Pribilof Islands, fur seals, computation for 1929 223
Price, C. H., relief 494, 665, 781
Price, Emmett W., trematode worms 841
Price lists:
blank paper and envelopes, G. P. O 1046
Documents Office 42, 105, 165, 240, 241, 311, 417, 534, 535, 699, 808, 809, 890, 891, 971, 972, 1047
information governing distribution 241
post route maps 837
Reclamation Bureau 44
rural delivery county maps 837
supplies sold to Nat. Rifle Assoc 79
Weather Bureau publications 219, 379, 766
Prices:
foreign and domestic statistics 883
in Latin America, analysis 608
Prices—Continued. Page
price situation. 148, 210, 282, 372, 596, 759, 862, 946
prices, wholesale and retail 124, 189, 254, 433, 725, 826, 917, 990, 1062
wholesale prices—
1929 189
in foreign countries 254
prices, wholesale and retail 124, 189, 254, 433, 725, 826, 917, 990, 1062
wholesale prices of commodities 57, 124, 190, 254, 341, 433, 560, 725, 826, 917, 990, 1062
wholesale prices series 189
see also names of various commodities.
Primary education, *see* Elementary education.
Primers, nomenclature lists 460, 461
Prince George & Chesterfield Ry 705
Prince Georges County, Md., soil survey 86
Prince of Wales Bay, chart 1067
Prince William Sound, charts 295
Princeton, U. S. S.:
bowl, etc., to Princeton Club 527, 652, 787
Princeton Club of Philadelphia, bowl and ladle from U. S. S. Princeton 527, 652, 787
Principal of junior high school, status 313
Pringle, John A., reexaminations in mental hospitals 1086
Printing:
training of apprentices, Govt. Print. Off 534
Printing Bureau, *see* Engraving and Printing Bureau.
Printing Committee, House:
report 508
Printing Committee, Senate:
reports 689–690
Printing Industry, Technical Conference of, *see* Technical Conference of Printing Industry.
Printing-ink, *see* Ink.
Printing Joint Committee:
calendar 1040
reports 405, 511
Printing Office, *see* Government Printing Office.
Printing, Permanent Conference on, *see* Permanent Conference on Printing.
Prints, *see* Engravings—Illustrations.
Prism size, etc., in refractometry 485, 776
Prison labor, *see* Convict labor.
Prisoners:
in State and Federal institutions, 1927 604
parole and deportation of aliens 682, 787
see also Convict labor—Crime and criminals—Prisons.
Prisons:
medical service in Federal prisons 138
rules and regulations 252
see also Convict labor—Prisoners.
Private acts, *see* Laws.
Private claims, *see* Claims—*also* names of claimants.
Private laws, *see* Laws.
Private property, claims for damages 450, 578, 741
Private resolutions, *see* Resolutions.
Private schools, *see* Academies—Schools—*also* Commercial education.
Private secretaries, appointment 926
Prix de Paris, *see* American National Institute at Paris.
Probationers, *see* Civil service.
Probey, T. F., neoarsphenamine 75, 364
Proceedings of National Museum:
v. 76, title-page, contents, etc 198
v. 77, separates 132, 265, 356, 447
v. 77, title-page, contents, etc 1002
v. 78, separates 198, 265, 356, 447, 573, 737, 840, 841, 928, 929, 1002
v. 79, separates 841, 928, 1002, 1077
Proclamations, *see* President of United States—*also* subjects of proclamations.
Procter, William C., guaranteed employment 767
Procter & Gamble Co.:
fish-oil 710
naphtha 116
Procter & Gamble Distributing Co., rates 1055
Procter & Gamble Manufacturing Co., soda-ash 907
Proctology, relation to general medicine 61
Proctor, Alexander M., relief 648, 685

Page
Productivity of labor, *see* Labor.
Professional paper, Geological Survey 43, 106, 242, 314, 810, 1048
index to no. 165 1048
Professional schools, statistics, 1927–28 241
Professions, *see* Vocational guidance—*also* names of professions.
Proffitt, Maris M.:
industrial education 241
industrial education in Buffalo schools 973
private commercial and business schools 165
Progress maps, Public Roads Bureau 9, 89, 218, 290, 378, 472, 600, 765, 869, 951, 1026
Prohibition:
decisions, weekly 73, 135, 201, 269, 360, 450
documents and debates rel. to 809
monographs, factual survey 75, 253
padlock procedure, method of enforcement 75
public cooperation in law enforcement 75
report of Law Observance, etc., Comn 563
to print additional copies 508
State cooperation in enforcement 253
supplementing national prohibition act for D. C., hearings 520
to amend national prohibition act—
law 488
reports 38, 656
to amend the Constitution, hearings 233
see also Liquors.
Prohibition Bureau, Justice Dept 253
Prohibition Bureau, Treasury Dept 75, 272, 455, 749, 935
correction of entry in June, 1930, catalogue 2
report, 1930 455
see also Industrial Alcohol Bureau.
Projectiles, nomenclature lists 460, 461
Promotion, *see* Coast Guard—Navy—*also* names of certain Departments, bureaus, etc.
Pronocephalidae family of trematode worms 841
Propagation, *see* Birds—Fish-culture—Shrubs—Trees.
Propellers (aerial):
airworthiness requirements 381
characteristics of propeller fans 17, 99, 775, 965
charts for aluminum alloy propellers 59, 1064
full scale tests 1064
interference, effect of reduction gearing 1064
model tests in free wind stream, etc 59
tests at high tip speeds 1064
wind tunnel tests with diameter changed 256, 1064
with R. A. F.-6 and Clark Y airfoil sec 1064
Propellers (marine):
caps for propeller hubs on ships 231
Propelling charges, nomenclature lists 461
Propelling machinery, instructions 435
Property, *see* Enemy property—Private property—Public property—Real estate.
Pro-phy-lac-tic Brush Co 698
Prosecutions, *see* Actions at law.
Prostate gland, disease of 937
Protein:
cystine content of purified proteins 139
determination of digestibility 1019
Proti Chan, chart 126
Protocols, *see* names of countries.
Providence, R. I.:
chart of harbor 479
rivers and harbors in district, rp 589
Providence River, chart 156
Provisions:
specifications, etc 137, 363, 748, 1009
standard stock catalogue 1081
Provoe, Mary F., *v.* United States (cases 141–154) 53, 821
Pruett, Haskell, rural schoolhouses, grounds, etc 242
Prunes, drying, etc., effect on vitamins 595, 758
Prussian, Aaron, *v.* United States 335, 556, 844
Prussian-blue, standard stock catalogue 270
Pryor, J. C., water supply of Naval Academy 1066
Pryor, Josephine, relief 20
Prytherch, H. F., study of seed-oysters 295
Pseudochromidae collected by Str. Albatross 1002
Pseudomyxoma peritonei 61
Pseudotsuga taxifolia 225
Psittacosis:
B. Nocard not found in recent epidemic 202, 583
epidemiological considerations 139, 364
outbreak in department store 364
Psittacosis—Continued. Page
outbreak in Maryland 936, 1085
rickettsia-like inclusions 139
Psychiatrist, cooperation in dealing with crime problem 974
Psychiatry, *see* Mental diseases.
Psychic stimuli, significance of effects 751
Psychogenic amblyopia 1066
Psychology:
aviation training candidates, study 829
psychopaths, psychological factors in 274
Psychoneuroses, neurological findings 1086
Psychopathy, *see* Mental diseases.
Pteridophyta collected by J. F. Rock 841
Public acts, *see* Laws.
Public buildings:
appropriations for sites, etc., proposed provision 743
construction, to amend act of 1926—
hearings 653, 690
law 618
reports 508, 621, 690
estimates for Supervising Architect 740
expedite Federal bldg. program—
hearings 404, 690
law 618
reports 404, 690
outside D. C., report of interdepartmental committee 845
public bldg. act and condemnation laws 966
sites, purchases and acceptance 201, 846
sites, to accept donations 28
wages of laborers and mechanics—
hearings 643, 683
law 785
reports 643, 683
see also Public works—*also* names of buildings—*also* names of Departments, bureaus, etc.—*also* names of places where located.
Public Buildings and Grounds Committee, House:
hearings 33, 404, 653
minority views 653
reports 404, 508, 653
Public Buildings and Grounds Committee, Senate:
hearings 690
reports 690–691
Public Buildings and Public Parks of National Capital Office 445, 736
report, 1930 445
useless papers 694
Public Buildings Commission 883
report, calendar year 1930 883
Public Construction Division 300
Public Debt Service 75, 138, 202, 272, 363, 455, 583, 749, 850, 935, 1010, 1084
Public debts:
laws authorizing refunding foreign debts 232
obligations of foreign governments 1007
report of Treasury Dept., 1930, extracts 932
statement of public debt of U. S 72, 135, 201, 269, 360, 450, 577, 740, 845, 932, 1007, 1081.
see also names of certain foreign countries, etc.
Public defender:
bibliography 1065
for Canal Zone 639
Public documents, *see* Congressional documents—Government publications.
Public Documents Office, *see* Document Office.
Public domain, *see* Public lands.
Public Domain, Committee on Conservation and Administration of 838
report, Jan. 1931 838
Public employment services, *see* Employment agencies.
Public Employment Services, International Association of, *see* International Association of Public Employment Services.
Public health, *see* Hygiene (public)—Public Health Service.
Public health bulletin, *see* Hygiene (public).
Public health reports, *see* Hygiene (public).
Public Health Service 75, 138, 202, 272, 364, 455, 583, 749, 850, 935, 1010, 1084
as a career, information 203, 749
cooperative rural health work, 1930 273, 749

Page

Public Health Service—Continued.
officers, list, 1930 ... 936
publications—
issued July 1929–Dec. 1930 ... 139, 365, 584, 1010
on tuberculosis ... 1085
report, 1930 ... 456
research associates, civil serv. rules ... 735
work ... 750, 1011
see also Pay, Public Health Service.
Public Hygiene, International Office of, *see* International Office of Public Hygiene.
Public lands:
decisions—
v. 52, by signatures ... 42
v. 53, by signatures ... 1047
publications for sale by supt. of docs ... 165
right of way over, for canals, ditches, etc ... 973
roads across unreserved, etc., lands ... 28, 528
statutes of U. S., compilation ... 1047
survey, manual of instructions ... 810
supplement ... 418
vacant on July 1, 1930 ... 313
see also Homestead—Mineral lands—*also* names of States, etc., where lands are located.
Public Lands and Surveys Committee, Senate:
calendar ... 528
hearings ... 691, 803, 885, 967
reports ... 410, 528–529, 691–693
Public Lands Committee, House:
hearings ... 33, 509, 654
reports ... 404, 509–510, 653–655
Public laws, *see* Laws.
Public libraries, *see* Libraries.
Public market a good civic investment? ... 1020
Public moneys:
deposits, national bank security ... 27
National Guard accounts ... 856
regulations governing deposit ... 201
Public papers, *see* Executive Departments—*also* names of Departments, etc., to which papers belong.
Public Printer, *see* Government Printing Office.
Public property:
appraisal of certain property ... 506, 788
Army extension courses ... 276, 939
inventory, consular regulations ... 351
inventory, instructions to diplomats ... 351
National Guard regulations ... 206, 460, 753, 856, 942, 1014
see also Army supplies—Government supplies—*also* names of Departments, etc., to which property belongs—*also* name of place where located.
Public resolutions, *see* Resolutions.
Public roads, *see* Roads.
Public Roads Bureau ... 8, 89, 153, 217, 289, 378, 472, 600, 765, 868, 951, 1026
buildings on Government Island—
estimate ... 740
hearings ... 653
law ... 784
report ... 653, 690
report, 1930 ... 289
Public schools, *see* Schools.
Public service commissions, *see* names of States, etc.
Public Service Coordinated Transport ... 657
Public utility commissions, *see* names of States, etc.
Public utility companies:
District of Columbia, reports, 1930 ... 796
reports on electric power and gas ... 104, 239, 416, 971
see also names of companies.
Public Welfare Board, D. C., report, 1930 ... 414
Public works:
advance planning—
law ... 618
reports ... 503, 504
appropriations, estimates for Navy Dept ... 744
construction, hearings on various bills ... 967
contemplated, letter to engineers, etc ... 571
emergency appropriations for employment—
estimate ... 451
hearing ... 396
law ... 393
reports ... 393, 394, 396

Page

Public works—Continued.
possession and title of sites ... 403, 523, 784
see also Public buildings—*also* Harbors—Rivers.
Public Works Department of California ... 600
Publications, *see* Bibliography—Catalogues—Government publications—Military publications—*also* names of Departments, bureaus, etc., issuing publications—*also* subject of publication.
Publications and Supplies Division, Labor Dept ... 124, 725
Publications Division, Commerce Dept ... 16, 98, 160, 229, 301, 390, 483, 611, 774, 880, 963, 1037
Publications Division, State Dept., *see* Historical Adviser, State Dept.
Puccinia coronata, eradicating buckthorn ... 376
Puckett, Emmett A., United States *vs.* admx ... 359
Pueblo, Colo., census of distribution, retail ... 476
Pueblo Indians:
crania in National Museum collections ... 929
music ... 840
ruins in Piedra district, Colorado ... 70
to quiet title to lands ... 680
see also Zuñi Indians.
Puerto Mexico, Mexico, aviation chart ... 62
Puerto Rico, *see* Porto Rico.
Puget Sound:
tide and current tables, 1931 ... 384
Puget Sound Navy Yard, radio stations, chart ... 1069
Pugh, J. C., sr., exrx. *v.* comnr. of internal rev ... 721
Pulaski, Count Casimir:
commemorative postage stamp ... 442
memorial day ... 790, 801
Pulaski County, Ark.:
sheriff, etc.—
Surplus Trading Co. *vs* ... 358
Pulex canis, new genus of fleas ... 138
Pulitzer, Joseph, relief ... 665, 781
Pulmonary tuberculosis, *see* Tuberculosis.
Pulp and Paper Industry, Technical Association, *see* Technical Association Pulp and Paper Industry.
Pulp board:
rates on paper board ... 713, 714
rates on pulp board ... 117, 817
standard stock catalogue, wall board ... 1083
Pulp-wood, *see* Wood-pulp.
Pulse rate of clerks, readings ... 456, 851
Punaluu Harbor, chart ... 1032
Puolo Point military reservation ... 130
Pupil transportation, *see* Transportation of school children.
Purchasing:
cooperation in agriculture, bibliography ... 806
cooperative purchasing, 1920–30 ... 148
Purchasing Agent ... 67
Purdon, Rupert L., confectionery distribution ... 386
Purdue University Agricultural Experiment Station:
harvesting small grain in corn belt ... 1020
soil surveys—
Hancock County, Ind ... 149
Putnam County, Ind ... 6
Purdy, Jay D., patent appeal ... 16
Purdy, W. C.:
influence of plankton on oxidation ... 750, 936
plankton and related organisms ... 583
Purdy, Will, furniture ... 177
Pure Oil Co., pipe ... 182
Purification of water, *see* Water purification.
Purnell, Fred S. (Representative from Ind.):
reports made by—
Rules Com ... 33–34
Pursuit planes, *see* Airplanes.
Purton, A. B.:
surface water supply—
Colorado River basin ... 537
Great Basin ... 107, 243
Snake River basin ... 537
Purves, C. M., agricultural statistics ... 84
Putnam County, Ind., soil survey, etc ... 6
Putnam National Bank ... 915
Puyallup Indians, distribution of tribal funds ... 680, 787, 794
PW-9 pursuit airplane, *see* Airplanes.
Pyorrhea alveolaris, surgical treatment ... 203

Page
Pyranometer records assist in distinguishing between haze and clouds 952
Pyrethrum:
Federal standard stock catalogue 361
insecticidal value 87
Pyridine, toxicity to mosquito larvae 147, 214
Pyrites in 1929 388
Pyron, W. B., court case 40, 312, 720, 913, 1005
Pythiacystis gummosis, citrus resistance 209, 281

Q

Quadrat, use in determining effects of grazing 209, 281
Quaintance, A. L.:
oyster-shell and scurfy scales 86
peach borer, how to prevent its ravages 285
Quanah, Acme & Pacific Ry., bonds 705
Quangtcheou Wan, *see* Kwangchow Wan.
Quarantine:
Animal Industry Bur. orders 83, 209, 281, 595, 1019
citrus fruit safeguards 377
consular regulations 356, 1078
inspection service, 24-hour 518, 640, 787, 851, 1010
list of current quarantines, etc 89
notice of 4, 148, 210, 282, 371, 466, 595, 758, 1019
nursery stock, plants, and seeds 466
on account of—
European corn borer 210, 595
Japanese beetle, modification 1019
Japanese beetle, revision 466
Mediterranean fruit-fly 148, 210, 282, 371
pink-bollworm, modification 371
satin-moth, modification 758
Thurberia weevil, modification 4
white-pine blister-rust 4
State etc., plant quarantines, summary 89, 951
Quarantine stations, list, 1930 936
Quarantine vessels, list, 1930 936
Quarries and quarrying:
accidents 14, 962
employment fluctuation in Ohio 124, 189
Quarter (coin):
change in design—
hearings 628
law 787
report 628
Quartermaster Corps of Army:
Army regulations 77, 204, 275, 366, 586, 751, 937, 938, 1011, 1086
handbook for quartermasters 278
hospitalization, etc., for certain members—
report 689
veto message 735
Quartermaster Corps School 458
Quartermaster General of Army 79, 144, 206, 278, 368, 461, 857, 942, 1015, 1090
circulars 79, 144, 206, 278, 368, 461, 857, 942, 1015, 1090
Quebracho, rates on 547, 817, 981
Queen Cay entrance, chart 832
Query, W. G., Graniteville Mfg. Co. *vs* 1005
Quicklime, *see* Lime.
Quicksilver, *see* Mercury.
Quigley, Daniel S., quay in Milburn Creek 636, 669, 785
Quigley, William A., relief 527, 615
Quin, Percy E. (Representative from Miss.):
report made by—
Military Affairs Com 505
Quinidin in auricular fibrillation 1066
Quinto Ranch Co., cattle 113
Quisenberry, Karl S.:
distribution of classes of wheat 765
inheritance in wheat crosses 765
winter-wheat, hardiness and yield 377
Quisenberry Feed Manufacturing Co 177
Quong Sang Chong & Co., fish-nets 805
Quotas, *see* Immigration.

R

"R" of energy-evaporation equation, diagram 9
R. A. F. airfoil, *see* Airfoils.
R. C. A. Communications, Inc 103
Rabbits:
parasites and diseases 760
rabbit recipes 88

Page
Rabbits—Continued.
relation to trees and farm crops 1021
skins for fur 212
syphilis, use of Kahn test 76, 203
vaccinia, pathology 584
Rabies:
antirabic vaccine paralysis 139, 272
in wild animals, 10 yr. control program—
hearings 660
law 787
reports 490, 660
Rabild, Helmer, homemade silos 213
Raccoons from keys of southern Florida 70
Rachmil, Harry, court cases 556
Radiant Glass Co 429
Radiation:
effect on skin temperatures, steel works 76
metals bombarded by electrons 880, 1039
see also X-rays.
Radiation and Organisms Division 573
Radiators, rates on 249
Radio, *see* certain headings beginning Radio.
Radio apparatus and appliances, *see* Radio communication—*also* names of appliances.
Radio beacons, *see* Radiobeacons.
Radio cabinets, rates on 1057
Radio Commission, *see* Federal Radio Commission.
Radio communication:
aids to navigation 257
aircraft landing receiving system 230, 486
amend radio act of 1927 681
appeals from Radio Comn. decisions 28
Aunt Sammy's radio recipes 1024
classification of radio subjects 391
employment fluctuation in radio industry 917
high-frequency current, effect on health 1066
income tax brevities for broadcasting 582
instructions for Coast Guard personnel 1083
laws, compilation 488
ocean-going vessels in Canal Zone 639
operators' licenses, issuance 775
publications rel. to, for sale 891
radio markets of the world, 1930 480
radio set, type SCR-136 752
research investigations, Standards Bureau 690, 742, 787
synchronizing recording apparatus 612, 776
Weather Bureau circular 871
weather forecasts, etc.—
bulletins, etc., for navigation 257
daily maps at sea, U. S. S. Arkansas 728, 729
Great Lakes navigation 871
North Atlantic Ocean 63, 192, 258, 729, 833
Pacific Ocean 63, 127, 192, 259, 729, 833
vessel weather code 952
see also Radio stations.
Radio Communications. International Technical Consulting Committee on, *see* International Technical Consulting Committee on Radio Communications.
Radio compass stations, *see* Radio stations.
Radio Corporation of America 122, 987
see also R. C. A. Communications, Inc.
Radio Division, Commerce Dept 16, 98, 160, 229, 301, 390, 483, 611, 775, 880, 964, 1038
radio service bulletin 16, 98, 160, 229, 301, 390, 483, 611, 775, 880, 964, 1038
report, 1930 390
Radio receiving sets, rates on 182
see also Radio communication.
Radio recording apparatus, *see* Radio communication.
Radio Service, *see* Radio Division, Commerce Dept.
Radio stations:
aids to navigation 257
amateur stations of United States 301
Army and Navy stations, etc 1069
broadcast schedules of naval stations 192
broadcasting stations of United States 806
chart of the world 437
commercial and Govt. stations 301
frequencies, assignment to Govt. stations 1076
Ketchikan station, Alaska, Exec. order 130
payments of awards of War Claims Arbiter 846
see also Radio communication.

Radiobeacons: Page
blind landing of aircraft 230, 486
listed in radio aids to navigation 257
see also names of places where located.
Radiocompass stations, *see* Radio stations.
Radiotelegraphy and telephony, *see* Radio communication.
Radium:
production in 1929 387
production of 1 gram 650
Radium Protection, Advisory Committee on X-Ray and, *see* Advisory Committee on X-Ray and Radium Protection.
Ragatz, Lowell J., index to Calhoun papers 737
Ragatz, Mary P., index to Amer. Hist. Assoc. rp 737
Ragle, H. E., carcinoma of endocardium 60, 61
Rags, cotton, to amend tariff act of 1930 34
Rahilly, John H., bridge 637, 669, 786
Rahway Valley Line, acquisition 111
Raids, infantry, Army extension courses 366
Railroad accidents:
accident bulletin 45
at or near—
Angola, La 45
Camp Douglas, Wis 975
Glen Mary, Tenn 45
Philadelphia, Pa 426
collisions, derailments, etc,. 1929 45
investigation—
report of Safety Bureau, 1930 423
reports, summary 45, 316, 539, 812, 1050
reported by railways, summary 109, 169, 245, 316, 539, 703, 895, 975, 1050
Railroad Administration 838, 1001
report, calendar year 1930 838
Railroad-cars, *see* Freight-cars—Passenger-cars—Refrigerator-cars.
Railroad commissions, *see* names of States.
Railroad crossings:
eliminate Michigan ave. crossing in D. C. 616
Federal aid in construction 689
Railroad Emergency Board, *see* Emergency Board (Louisiana & Arkansas Ry., 1931).
Railroad employees:
employment decrease 560
hours of service—
analysis of carriers' reports 539
report of Safety Bureau, 1930 423
wage statistics 109, 169, 245, 316, 422, 703, 812, 895, 975, 1050
Railroad land grants, *see* names of railroads.
Railroad Mediation Board, *see* Mediation Board.
Railroad rates, *see* Freight rates—Passenger rates.
Railroad securities, *see* names of railroads, etc., issuing securities.
Railroad ties:
census report, 1929 874
rates on 117, 182, 1058
Railroads:
accounts, uniform system to be kept 817
claims (statute of limitations) 794
class 1 steam roads—
capitalization and income, statement 896
freight commodity statistics 108, 245
fuel for locomotives 44, 109, 168, 245, 316, 422, 538, 702, 811, 895, 975, 1050
operating averages, 1929–1925 422
operating revenues, etc., monthly 45, 109, 169, 245, 317, 422, 539, 703, 812, 895, 975, 1051.
operating revenues, etc., yearly 539
operating statistics, freight, etc 45, 109, 169, 245, 316, 422, 539, 703, 812, 895, 975, 1051.
revenue traffic statistics 109, 169, 246, 423, 540, 812, 896, 975, 1051
construction, Boulder Canyon project 421
cooperação entre estradas de ferro e auto-caminhões nos Estados Unidos 65
graphical supplements to monthly reports 1051
large steam roads—
operating revenues and expenses 45, 109, 169, 246, 317, 422, 540, 703, 812, 895, 975, 1051
operating statistics 45, 109, 169, 246, 317, 422, 540, 703, 812, 896, 975, 1051
Railroads—Continued. Page
malaria in railroad camp, Rawson Switch 851, 1085
maps of United States 205, 536
net operating income, order of I. C. C 703
publications for sale by supt. of docs 311
refunds of interest 641, 681
statistics—
preliminary abstract, 1929 169
report, 1929 540, 703
stock ownership, regulation 794
unemployment, railroads and 767
see also Carriers—Electric railroads—Locomotives—Safety appliances—Street-railroads—*also* certain headings beginning Railroad—Railway—Train—*also* names of railroads.
Rails, rates on 117, 182, 906
Railway battalion, Army training regulations 204
Railway commissions, *see* names of States.
Railway Express Agency, Inc.:
rates on—
beans 978
chewing-gum 175
ice-cream 115
Railway mail pay, *see* Railway Mail Service.
Railway Mail Service 67, 130, 195, 262, 350, 443, 569, 732, 836, 925, 999, 1073
mail routes, schedules 67, 130, 195, 262, 263 350, 443, 569, 570, 732, 836, 925, 999, 1073
pay to short line roads 182
residence of railway postal clerks 28
supplies 1073
see also names of States.
Railway Supply Co 430
Railway track scales, specifications 303
Railways, *see* Railroads.
Rain:
catch as affected by funnel depth 219
conservation of rainfall 660
in—
Inland Empire, riddle 219
Miami, Fla 153
Mt. Vernon, Iowa, precipitation analysis 473
Salvador 601
interpolation of data by correlation 871
simplified rain-intensity formulas 473
see also Precipitation.
Rain gages, catch as affected by funnel depth 219
Rainfall, *see* Rain.
Rainier, *see* headings beginning Mount Rainier and Rainier.
Rainier, Mount, and its glaciers 974
Rainier National Forest, land included in Mt. Rainier National Park 510, 529, 617
Rainy River, bridge in Minnesota 28
Raisins, rates on 714
Raladam Co 252, 310, 335, 808, 739, 915, 1079
Ralston Steel Car Co 824
Rambouillet sheep, *see* Sheep.
Ramey, Patsy, *v.* United States 325
Ramirez, Mariano H., collection of accounts in Argentina 771
Rammed earth walls for buildings 8, 1026
Ramser, C. E.:
gullies, how to control and reclaim them 869
terracing farm lands 1026
Ramsey, G. B., blemishes of market onions 288
Ramspeck, Robert (Representative from Ga.):
reports made by—
Claims Com 396–397, 494, 625–627
Randall, Albert B., granting D.-S. Medal 505
Randall, T. D., & Co 307, 824
Randell, C. G., cooperative livestock concentration point 466
Randell, Ralph R., Kings River, Calif 806
Randels, Meredith L., refunds to be paid to guardian 657
Randolph, H. E., brain syphilis, vascular type 274
Randolph, Mo., bridge 502, 518, 617
Randolph Field:
construction 648
exchange of land 505
Randolph, Fort, construction of sea wall 648
Ranges (stock), *see* Stock ranges.
Ranges (stoves), *see* Stoves.
Ranier, *see* headings beginning Rainier.

Page

Ranker, Emery R.:
smut resistance in corn 210, 287
solutions for culturing Ustilago zeae 209, 289
Rankin, John E. (Representative from Miss.):
report made by—
Census Com 623
Rankin, Karl L., Czechoslovak iron and steel industry 96
Rankin County, Miss., soil survey 761
Ranney, Lucile J., map of Louisiana 536
Ranney, W. R., *v.* comnr. of internal revenue 335
Ransley, Harry C. (Representative from Pa.):
reports made by—
Conference Com 31
Military Affairs Com 403, 505, 645, 649
Ransom and Randolph Co 397
Raphael Glass Co., wire glass 425
Rapkin, Samuel, *v.* United States 307
Rappleye, Howard S.:
first-order leveling in Alaska 222
first-order leveling in New Jersey 604
variation of mean sea level 93
Rappleye, Willard C., medical education 809
Rappoccioli, Br., reimbursement 574
Rare and Precious Metals Experiment Station 772
Rare metals, 1929 387
Raritan Bay, chart 605
Rasch, Royal H., alpha-cellulose content, etc., of paper 880, 1039
Rasmussen, Frederick, relief 527, 781
Raspberries, diseases 289
Rastall, W. H., industrial machinery, 1930 608
Rat, *see* Rats.
Ratcliffe, Ella B., accredited higher institutions, 1929–30 418
Ratcliffe, H. E., grain statistics 4
Rathbun, Mary J., fossil decapod crustaceans 265
Rathbun-Gravatt, Annie, *see* Gravatt, Annie Rathbun.
Rations (Army), *see* Army.
Ratliff, George W., jr., *v.* United States 307, 888, 1043
Rats:
antineuritic vitamin method, factors 936, 1085
control 5
dithioethylamine in diet of white rat 1010
rat-flea survey of San Juan, P. R 75, 273
rat-flea survey of Savannah, Ga 851
rat proofing buildings, etc 373
red-squill powder in rat control 468
typhus type virus derived from fleas 750, 936
Rauh, E., & Sons Fertilizer Co 706
Raum, John, fee for attorney 843
Rawlins, John A., statue in D. C 504, 790
Rawson, Alma, relief 665, 781
Rawson Switch, Calif., malaria in camp 851, 1085
Ray, C. W., *v.* comnr. of internal revenue 824
Ray & Gila Valley R. R 987
Rayburn, Sam (Representative from Tex.):
reports made by—
Interstate and Foreign Commerce Com 400–402, 502, 635, 637
Rayhill, Homer C., relief 22
Razor-clams, growth and mortality, etc 607
Rea, Kennedy F., appropriations, etc., 71st Congress 233, 1040
Rea-Patterson Milling Co.:
grain 711, 904
misrouting 816
Reach, Milton B., patent appeal 963
Reactions in pulmonary tuberculosis 852
Reading, O. S., *v.* United States 695
Reading:
activity program and teaching of reading 973
among neuropsychiatric patients 366
reading course series 106, 418, 535, 700, 892, 972
Reading Broadcasting Company 697
Reading Company:
accident to locomotive at Philadelphia 426
bonds 172
construction 1053
equipment trust, series M 46
operation 977
rates on—
iron ore 545
pipe 1057
Reading Room for the Blind, *see* Service for the Blind, Library of Congress.

Page

Ready, Marie M.:
hygiene and physical education 891
school playgrounds 166
Reagan, Daniel J., French chemical industry, etc., 1929 224
Reagor, Robert W., relief of mother 626
Real estate:
farm situation, 1929-30 282
investigate activities in D. C.—
hearings 674
report 674
regulate brokers and salesmen in D. C.—
hearings 793
report 629
Real Estate Commission of District of Columbia:
to create (S. 3490)—
hearings 793
report 629
Real Estate Management Co 335
Realty Corporation of Greenville 22
Reappraisement circulars, index, Jan.-Dec. 1930 747
Reappraisements of merchandise, *see* Commercial products.
Receipts (postal):
increased charges on return receipts—
committee report 410
law 617
postal regulations 835
issuance to senders of mail matter—
committee report 404
law 487
postal regulations 924
permit matter, treatment of receipts 261
Receipts and expenditures, *see* Budget—Finance.
Receptacles, waste-paper, stock catalogue 270
Recipes, *see* Cookery.
Reclamation Bureau 44, 108, 168, 244, 315, 420, 538, 702, 811, 894, 974, 1049
estimates 742, 846
manual, amendments 702
publications 44
report, 1930 421
Reclamation of land:
advance to reclamation fund—
estimate 846
hearings 681
law 787
reports 642, 681
disposition of unplatted town sites 402, 618, 681
Federal irrigation projects 244
laws, supplement to 1927 edition 244
projects visited by Appropriations Com., H 1050
revenues on Federal irrigation projects 642
see also Drainage districts—Irrigation—New reclamation era—*also* names of reclamation projects.
Reclamation projects, *see* Reclamation of land.
Reconsignment:
Baker & Holmes Co 817
Brown, W. P., & Sons Lumber Co., Inc 981
Dale Oil & Refining Co 715
Magee, E. F., Lumber Co 715
Milne Lumber Co 547
North American Provision Co 182
North & Co 321
Northern Commercial Securities Co 118
Perry, Buxton, Doane Co 548
Prairie Oil & Gas Co 817
Romann & Bush Pig Iron & Coke Co 906
Standard Lumber Co., Inc 321
Washburn Crosby Co 547
Records:
clinical record of patient 366
see also Military records.
Recreation Association, *see* National Recreation Association.
Recreational-apparatus, Federal standard stock catalogue 135
Recruiting and enlistment:
Coast Guard enlistment, information 201
Coast Guard enlistment, regulations 581
medical surveys, recruiting viewpoint 256
Regular Army recruiting regulations 1087
United States Army recruiting news 77, 141, 204, 276, 367, 459, 586, 752, 854, 939, 1012, 1088.

Page
Recruiting Bureau, Navy Dept 64, 259, 439, 922
posters 64, 259, 439, 922
Rectum:
operative care of rectal fistula 140
stricture of rectum 852
Red clover, *see* Clover.
Red Cross, *see* American National Red Cross.
Red Lake band of Chippewa Indians, *see* Chippewa Indians.
Red Lake Reservation timberland, sale 618, 693
Red River, bridges 401, 407, 488, 518
Red River of the North:
bridge 641, 671, 787
pilot rules 486
Red Sea, pilot supplement 920
Red spider on cotton and how to control it 1022
Red-squill powder in rat control 468
Red Star Milling Co., *see* General Mills, Inc.
Redden, Charles, leather 237
Redding, J. Merrell, Fed. Trade Comn. rp., etc 239, 698
Reddy, C. S., chemical-dust seed treatments for corn 1025
Rederiaktiebolaget Nordstjernan, claim 743
Redfern, Gilbert, sales districts in Poland 1035
Redgrove, H. Stanley, synthetic perfumes 354
Rediscount of notes secured by adjusted service certificates 807
Redland, Arthur J., *v.* United States 805, 987
Redmond, D. G., Fed. Trade Comn. rp., etc 1046
Redmond, J. C., magnesium determination 485, 775
Redmond, Utah, water supply 29
Reductions, *see* Civil service.
Reece, B. Carroll (Representative from Tenn.):
reports made by—
Military Affairs Com 504–505, 644–647, 649
Reed, Alfred Z., legal education 241
Reed, C. O., fighting corn borer 89
Reed, Charles G., trend of Iowa precipitation 9
Reed, Charles W., relief 22
Reed, Daniel A. (Representative from N. Y.):
reports made by—
Education Com 398, 630, 793
Reed, David A. (Senator from Pa.):
reports made by—
Appropriations Com 514
Finance Com 676
Immigration Com 677
Military Affairs Com 38, 409, 524–525, 684–685, 801–802
Pay and Allowances in Army, Navy, etc., Joint Committee to Investigate 796
Reed, Floyd K., statistics of cattle, hogs, etc 84
Reed, Harold M., relief 781, 802
Reed, I. F., husker-shredders in corn-borer control 869
Reed, Lowell J., B. coli densities 1084
Reed, Nellie B., relief 20
Reed, Spencer H., foreign trade survey of New England 608
Reed, Stanley, financial structure of cooperatives 1044
Reed, Thomas R., aviation weather hazards 153
Reed, W. D., fig insects in California 948
Reed, W. W.:
correlation investigation in meteorology 219
periodic oscillations of temperature 871
Santiago-Buenos Aires airway 601
Reed, Walter, Army General Hospital, *see* Walter Reed Army General Hospital.
Reed Springs, Mo., bridge 642, 673, 789
Reeder, R. D.:
analyses of delivered coal 609
relation of mine samples to shipments 609
Rees', Hans, Sons, Inc., court case 1004
Reese, A. M., Alligator mississippiensis 839
Reese, H. H., breeds of light horses 283
Reeside, John B., jr., mollusks from Wyoming 737
Reeves, Daniel, Inc., *v.* Charles W. Anderson 335
Reeves, E. L., apple injuries from washing 1024
Reeves, Frank:
geology of Big Snowy Mountains, Mont 810
Madden Dam project 537, 892
Referendum, documents and debates rel. to 809
Refineries:
petroleum, in foreign countries, 1930 225
petroleum, statistics, 1929 1036
Reflectivity of different kinds of surfaces 219
Reflexology 203
Refling, O. A., exr., *v.* comnr. of internal rev 430
Reforestation, *see* Forests and forestry.
Reformatories:
industrial schools for delinquents 241
rules, etc., correctional institutions 252
see also Prisoners.
Refraction index of soda-lime glasses 1038
Refractometry, prism size and orientation 485, 776
Refractories:
service conditions, boiler furnaces 481
special, for use at high temperature 1038
standard stock catalogue 580
Refrigeration:
artificial cold 354
case of—
Gofnick, Morris 182
Widmayer, Edward 182
charges for protective services, etc 906
charges on fruits, etc., from the South 817
icing charges on dairy products, etc 548
see also Cold-storage.
Refrigerator-cars:
case of N. B. Barody 182
furnishing for sea foods, charges 906
Refrigerators, rates on 715
Refunds of internal revenue taxes, 1929 35
Regan, James W., *v.* United States 325
Regattas, safety rules and regulations 872
Regional Bureau of United States, International Catalogue of Scientific Literature 573
Regional Information Division, Foreign and Domestic Commerce Bur. 225, 480, 771
Regional recommendation series, Standards Bur 230
Registered mail:
collect-on-delivery, demurrage 66, 731
fees for inquiries 410
return receipts, increased charges—
committee report 410
law 617
postal regulations 835
use of paper strips or seals 129
Registers:
Army, 1931 586
Coast Guard, 1931 848
Justice Dept. and courts of U. S., 1930 335
Marine Corps Reserve officers, 1931 919
money-order post offices, 1930 129
National Guard, 1930 459
Naval Academy, 1930–31 346
Naval Reserve, 1931 1066
Navy, 1931 919
officers of Confederate States navy 1066
official register of U. S., 1930 222
State Dept., 1931 929
see also Directories—Rosters.
Regular Army, *see* Army.
Regulations, *see* names of Departments, bureaus, etc., issuing regulations—*also* special subject.
Rehabilitation of the disabled:
cooperation of Federal Govt. with States 797
extend provisions of law to Porto Rico—
estimate 846
hearings 398, 530
law 787
reports 398, 530, 630, 656
handicapped children in States 800
manual for vocational guidance 163
vocational rehabilitation publications 41, 163, 533
vocational rehabilitation series 163, 533
what it is and what it means 533
see also Federal Board for Vocational Education—National Conference on Vocational Rehabilitation.
Reid, Elliott G., metal model propellers, tests 59
Reid, Frank R. (Representative from Ill.):
reports made by—
District of Columbia Com 629–630
Flood Control Com 399
Reid, James O., census of manufactures, 1927 92
Reid, Julia A., relief 511
Reilly, Charles F., relief 615, 685
Reineke, L. H., alinement charts in forest research 599
Reinhart, Patrick D., *v.* comnr. of internal rev 555
Reinstatements, *see* Civil service—*also* names of persons reinstated in office.
Reinsuring companies, *see* Insurance companies.

Page

Relief bills, hearings on various bills 967
Relief Commission, Porto Rican Hurricane, *see* Porto Rican Hurricane Relief Commission.
Relief stations, *see* Hospitals.
Relief work:
drought and unemployment, La Follette resolution 513
farm and unemployment relief, hearing 882
Interior Dept. appropriation bill amdts.—
hearings 491
report 491
wheat surplus, distribution—
hearing 406
report 513
see also Social work.
Religious education, public schools 106
Remark, J. W., Coal Co., demurrage 709
Removals, *see* Civil service.
Remy Electric Manufacturing Co 236
Renick, B. Coleman, geology, etc., of Sandoval County, N. Mex 892
Renner, K. M., Babcock test for cream 3, 147
Renziehausen, Frederick C., court case 358
Repair Bureau, *see* Construction and Repair Bureau.
Repairs, American vessels 269
Repatriation, *see* Citizenship.
Reporters, Court of Claims instructions 887
Reports, to be made to 71st Congress 394
see also names of Departments, bureaus, etc., issuing reports—*also* subjects of reports.
Representatives, *see* House of Representatives—*also* names of Representatives.
Reptiles, dinosaurian, from Two Medicine 356
Republic Creosoting Co.:
creosote oil 709, 979
poles 906
Research, *see* Industrial research—*also* special subject.
Research and Public Information Division, Prohibition Bur 935
Research Bureau, Shipping Board 69, 131, 197, 264, 352, 353, 571, 572, 838, 839, 1076
Research bureaus in city school systems 891
Research Council, *see* National Research Council.
Research director, civil service, rp., 1930 474
Research journals, *see* Journal of agricultural research—Journal of research, Standards Bureau.
Research paper, Standards Bureau 16, 98, 99, 229, 230, 231, 232, 301, 302, 303, 390, 391, 484, 485, 486, 611, 612, 613, 775, 776, 777, 881, 964, 965, 966, 1038, 1039.
Research Subdivision, Veterans' Bur 274
Reservations, right of way over 973
see also Bird refuges and reservations—Game refuges and reservations—Indian reservations—Military reservations—Naval petroleum reserves—Wild-life refuges—*also* names of reservations.
Reserve banks, etc., *see* certain headings beginning Federal reserve.
Reserve Board, *see* Federal Reserve Board.
Reserve Corps, *see* Marine Corps Reserve—Naval Reserve—Officers' Reserve Corps, Army.
Reserve Officers' Training Corps, Army:
regulations for training camps 1087
Reservoirs in Little Truckee River 681
Resin, *see* Gums and resins—Synthetic phenolic resin—*also* Naval stores.
Resistance (electric) *see* Electric resistance.
Resistivity of oil-bearing beds 298
Resolutions:
history—
71st Cong. 2d sess 18, 232
71st Cong. 3d sess 392, 487, 613, 777, 1040
see also Laws.
Resser, Charles E.:
ancient life forms in rocks 839, 840
Burgess shale fossils, addenda 1077
Restaurant guest checks, waste elimination 776
Restaurant industry, San Francisco 157
Retail Meat Dealers, National Association of, *see* National Association of Retail Meat Dealers.

Page

Retail prices, *see* Prices.
Retail trade:
census of distribution—
California 954
Chicago 475
Cleveland 873
El Paso, Pueblo, Syracuse, and Trenton 476
Washington, D. C 873
Washington State 604
credit survey, 1930 386, 876
employment stabilization, policies, etc 871
meat business, vocational education 308
Reticulum cell sarcoma 1066
Retinal arteriosclerosis, incidence 585
Retired list, Army, war-time rank for officers 28
Retired list, Coast Guard:
war-time rank for officers 28
Retired list, Marine Corps:
war-time rank for officers 28
Retired list, Navy:
captains, etc., extension of act of 1926 507, 688
promotion of certain officers 652
war-time rank for officers 28
Retirement, admr. of veterans' affairs 676
see also Civil service pensions—Emergency officers' retired list—Foreign service—Teachers.
Retroperitoneal reticulum cell sarcoma 1066
Revenue, *see* Finance—Internal revenue—Tariff—Taxation—*also* names of articles, etc., from which revenue is derived.
Revenue cutters, *see* Coast Guard cutters.
Revenue stamps, redemption 676, 788, 791
Revere Copper and Brass Co., land 650
Revised statutes, repeal of obsolete secs 643
Revision of Laws Committee, House, *see* Laws, Committee on Revision of, House.
Revolution, American, National Society of Daughters of, *see* National Society of Daughters of American Revolution.
Revolution Cotton Mills 236, 335
Rex & Co., Inc 720, 896, 1005
Rex Drilling Co 117
Reybold, Eugene, Buffalo, N. Y., district rp 587
Reynolds, Annie, supervision and rural school improvement 535
Reynolds, Nolen N., relief 652
Reynolds, Robert, agricultural statistics 84
Reynolds, Walter F., triangulation in Alaska 93
Reynoldson, L. A.:
harvesting small grain in corn belt 1020
haying equipment for Great Plains, etc 862
Reynoldsville & Falls Creek R. R 896
Rhamnus susceptible to oat crown rust 376
Rhea, C. W., gastric carcinoma 140
Rhees, Ralph, relief 22
Rheinfrank, Eugene, bridge 668
Rhenium, arc spectrum 1038
Rheumatic fever, neuritis simulating 1011
Rhinotragine beetles, family Cerambycidae 265
Rhode, Richard V., PW-9 airplane 563, 991, 1065
Rhode Island:
census, 1930, agriculture 383, 476
census, 1930, population 222
chart 12
mail routes, schedule 130
post route map 733
Rhodes, Ernest W., United States *v* 556
Ribbons for hectographs, computing machines, etc 580, 746
Ribes, *see* Currants—Gooseberries.
Rice, Harry L., trustee, court case 550
Rice:
anthocyan pigmentation 8
Gehl scouring device 283
rates on 182, 183, 715, 1058
Rice Growers Association of California 182, 1058
Rice Stix Dry Goods Co., buckles 1044
Rich, Malcolm N., patent appeal 15
Rich, Willis H., Alaska salmon fisheries 771
Richards, David F., relief 686, 781
Richards-Scheble Candy Co., peanuts 817
Richards Shook Corporation, boxes 543
Richardson, Charles H., mosquito larvæ 147, 214
Richardson, William K., *v.* United States 413
Richfield Oil Co., court case 55
Richibucto River, chart 922
Richland County, Mont., bridges 27, 637, 669, 786

Page

Richland Parish, La., bridge 635, 666, 783
Richland Springs quadrangle, Tex 701
Richmond, Calif., freight rates 903
Richmond, Va., airway maps 91, 92, 221
see also Federal Reserve Bank of Richmond.
Richmond, Fredericksburg & Potomac R. R.:
excess income 977
rates on sand 321
Richmond Mica Corporation, mica 180, 980
Richter, George A., patent appeal 963
Riddleberger, Olive M., census, 1930, population 957
Ridgeway, Robert H., sulphur and pyrites, 1929 388
Ridlon, J. R., Leptospira icterohemorrhagiae 584, 935
Ridout, G. B.:
anaphylactic shock accompanying malaria 1066
gunfire deafness in Navy 256
Rieke, Barney H., relief 397
Rieman, G. H., genetic factors for onion pigmentation 861, 945
Rifle Association, *see* National Rifle Association of America.
Rifle grenades, Army technical regulations 458
Rifle Practice Promotion Board, *see* National Board for Promotion of Rifle Practice.
Rigging blocks, etc., stock catalogue 1081
Riggs, Lester D., pneumothorax in tuberculosis 140
Right of way over public lands 973
Rights for women, *see* Women.
Rigoulot, Bertram A., fee for attorney 1003
Riker, A. J.:
hairy-root and crown-gall organisms 209, 288
hairy-root of nursery apple trees 209, 377
Riley, John A.:
sandstorms in Texas 870
Southeastern States, ceiling, etc 90
Riley, John O., available Agric. Dept. pubs 763
Riley, Joseph H.:
birds collected in central China 265
birds off coast of Dutch Borneo 265
Riley, Patrick P., relief 686, 781
Riley, Ruban W., relief 22
Rinder, H. A., bridge 637
Rinderpest:
garbage from rinderpest regions 595
poultry from rinderpest regions 209
Rinella-Battaglia & Co., potatoes 49
Ring, Laurence E.:
airports in Canada and Newfoundland 156
airports in Italy 224
Ring structure of mannose 302, 485
Ringgold, Fort, to acquire 75 acres of land 648
Ringworm:
infection of feet 1086
or tinea infection of toes 140
Rio de Janeiro, Brazil, Pan American Congress of Highways 267
Rio Grande:
bridges in Texas 402, 518, 519, 618
waters, consent to compact 28
waters, equitable use 133
Rio Grande City, Tex., bridge 402, 518, 618
Rio Grande City-Camargo Bridge Co. 402, 518, 618
Rio Grande del Norte Investment Co 402, 518, 519, 618
Rio Grande, El Paso & Santa Fe R. R 542
Rio Grande irrigation project:
construction payments, contract 523, 642, 790
damages appropriations not reimbursable 494
Rio Grande Oil Co., petroleum 117
Rios, Rafael, *v.* United States 556
Ripley, Garnett D., court case 154
Ritholz, B. D., rp., etc., of Fed. Trade Comm 164
Rivas, Juan F., relief 495
Riverdale Cooperative Creamery Association 824
Rivers:
construction, etc., of public works 28
daily river stages 766
flowing into Gulf of Mex., pilot rules 486
influence of plant cover on run-off 763
publications for sale by supt. of docs 105
steamboat inspection rules 17, 1039
stream-flow prediction subcommittee, rp 952
see also Floods—Navigable waters—Water pollution—*also* names of rivers.
Rivers and Harbors Board 79, 277, 591, 941, 1014, 1089

Page

Rivers and Harbors Committee, House:
hearings 33, 655
reports 404, 655, 795
Riverside & Dan River Cotton Mills, Inc 55
Riverton irrigation project, map 168
Rivets, standard stock catalogue 579
Rizzuto, Frank S., relief 799
Roache, James H., relief 495, 781
Road-building machinery, rates on 548, 817
Road Commissioners Board, *see* Alaska Road Commissioners Board.
Road Congresses, Permanent International Association of, *see* Permanent International Association of Road Congresses.
Road Departments, *see* names of States.
Road Harbor, chart 192
Road materials, *see* Roads.
Road-rollers, rates on 548
Roads:
automobiles gain faster in Far East 607
building, specifications for supplies 849
building rock, results of tests 153
construction across Indian reservations 410, 655, 784
construction across public lands 28, 528
Federal aid in construction, etc.—
extension to Hawaii, hearings 657
extension to Hawaii, law 784
extension to Hawaii, reports 657, 694
highway system progress maps 9, 89, 218, 290, 378, 379, 472, 600, 601, 765, 869, 870, 951, 1026, 1027.
laws, compilation 101
limitation of payments per mile 689
regulations, etc., rel. to improvement 218
to amend sec. relative to bridges, etc 689
from Virginia Beach to Kitty Hawk 33
in—
Africa, motor roads 386
Alaska, report on roads and trails 590
Boulder Canyon irrigation project 421
Brazil, motor roads 877
China, motor roads 1035
Fort Sill 525, 788
Montana and Idaho 599
Oregon national forests 867
United States and its possessions 951
miles mean motors in Latin America 386
national-park approaches, to provide 410, 529, 618
New England floods and highways 107
planting the roadside 600
policing military roads in Virginia 32
public roads (periodical) 8, 89, 218, 289, 378, 600, 765, 869, 1026
v. 8, index 472
v. 9, index 472
publications for sale by supt. of docs 417
through national forests of East, etc 1024
United States system 289
see also Public Roads Bureau—Streets—*also* names of roads.
Roads Committee, House:
hearings 655
reports 510, 655
Roadside markets 210
Roark, Charles W., memorial services 613
Roark, Noah, rp., etc., of Fed. Trade Comm 239
Roark, Ruric C., *vs.* Carl Taube, etc 150
Roberts, C. H. M., *v.* United States 721, 805
Roberts, F. L., county health departments 1010
Roberts, Frank H. H., jr.:
prehistoric village in Zuñi Reservation 840
Pueblo ruins in Piedra district, Colo 70
ruins at Kiatuthlanna, eastern Ariz 1001
Roberts, J. F., *v.* comnr. of internal revenue 336
Roberts, John:
dairy and poultry statistics 84
statistics of cattle, hogs, sheep, etc 84
Roberts, John W., apple bitter-rot 471
Roberts, Lydia J., la desnutrición 194
Roberts, Lyle J., anemia following arsphenamine 1066
Roberts, Martin A., Library of Congress reading room, instructions, etc 990
Roberts, R. C., soil of Clay Co., Nebr 760
Roberts, W. J., bronchial asthma 203
Roberts Sash & Door Co. *v.* United States 55
Roberts Tailoring Co., Inc 416

Page

Robertson, A. C., deterioration of nets in Lake Erie 94
Robertson, H. H., Co., roofing 249
Robertson, Ida M., United States *v.* 122
Robertson, R. C., neurosyphilis 585
Robertson, Royal W., relief 652
Robertson and Janin Co., bridge 28
Robertson Paper Box Co., Inc., freight rates 424
Robeson, David A., relief 652
Robey, Nathan C., *v.* United States 236, 888
Robillard, Basil, exr., court case 1059
Robins Dry Dock & Repair Co., relief 665, 781
Robinson, Arthur J., relief 649, 686, 781
Robinson, Arthur R. (Senator from Ind.):
reports made by—
Pensions Com 410, 527-528, 689
Robinson, Brittain B., fiber flax 868
Robinson, Edward A., patent appeal 97
Robinson, Elizabeth, to pay 489
Robinson, F. C., court case 1005
Robinson, Fitzhugh, relief 627
Robinson, G. F., chronic tuberculosis, etc 1086
Robinson, J. A.:
care in catatonic dementia praecox 585
undiagnosticated syphilis in psychotics 1011
Robinson, T. Ralph, citrus plants, quarantine 377
Robinson, Thomas J. B. (Representative from Iowa):
reports made by—
Interstate and Foreign Commerce Com 501-502
Robinson, W. O., soil analysis 284
Robinson, William, to pay widow 489
Robison, Harold D., American leather in China 225
Robuck, W. L., & Sons, Inc., lumber 712
Rochester Woven Belting Corporation, Inc 236
Rock, Joseph F., Asiatic pteridophyta collected by 841
Rock Island, Ill., rivers, etc., in dist., rp 589
Rock River school dist. no. 125, relief 34
Rockaway Inlet, chart 478
Rockford, Ill.:
bridge 518, 618
relief of school districts 34
Rockland & Rockport Lime Corporation 114
Rockport Pearl Button Co 548
Rocks:
ancient life forms in western U. S 839
electromagnetic absorption, Mammoth Cave 772
road-building, physical tests 153
Rockwell-Brinell relationships 17, 99
Rocky Brook Mills Co. *v.* United States 307
Rocky Mountain National Park:
addition of lands 28
general information circular 894
proclamation 131
Rocky Mountain Power Co 234
Rocky Mountain spotted fever, *see* Spotted fever of the Rocky Mountains.
Rocky Mountain States, ceiling, etc 90
Rocky Mountains, Ceanothus brush 210, 286
Rodents:
information for control 863
thallium in control 863
see also names of rodents.
Rodolia cardinalis, feeding rate 147, 150
Roebling, Karl G., case of executors 336
Röntgen rays, *see* X-rays.
Roeser, William F.:
freezing point of nickel 391, 485
freezing point of platinum 1038
surface temperatures, measurement 230, 391
Waidner-Burgess light standard (2 entries) 1038
Roessler, *see* Deutsche Gold & Silber Scheide Anstalt.
Roessler and Hasslacher Chemical Corporation, methyl chloride poisoning 139
Roethe, Harry E.:
cotton-gin fires frequent 5
fire safeguards for farm 282
Rogers, A. J., röntgen ray in dental practice 937
Rogers, Edith N. (Representative from Mass.):
report made by—
World War Veterans' Legislation Com 658
Rogers, H. O., Pennsylvania anthracite in 1929 772

Page

Rogers, James F.:
hygiene and physical education 891
school health work 241
schools, etc., for delicate children 242
Rogers, John W., comptroller general, etc., *v.* 430
Rogers, L. M., lard, etc., blacktongue preventive 138
Rogers, McLain, *v.* United States 237
Rogers, W. E., sand 548
Rohwer, S. A., new forms of sphecoid wasps 265
Rolfson, Lizzie, *v.* United States (cases 141-154) 53, 821
Rolle, August H. O., census of manufactures 92
Roller, Paul S., microscopic particles 609
Rolling moments 992, 1064
Rolls, standard stock catalogue 1082
Rolph, I. K., market research agencies 386
Romanche Anchorage, chart 259
Romania, *see* Rumania.
Romann & Bush Pig Iron & Coke Co 906
Rommel, George M., silage for horses, etc 213
Roofing:
Federal standard stock catalogue 847
rates on 249, 715
seams for copper roofing 160, 302
Roofing tin, *see* Terneplate.
Roosevelt, Theodore, memorial 504, 618, 682
Roosevelt County, Mont., bridges 27, 637, 669, 786
Roosevelt Dam, Salt River project 421
Roosevelt Steamship Co., proposed merger 736
Root, Mrs. A. K., relief 781
Root, Clarence J., cooperative observer 601
Root-knot and its control 8
Roots type supercharger, *see* Engines.
Rope, *see* Wire rope.
Ropes, E. H., San Francisco, Calif., dist., rp 589
Roscoe, Snyder & Pacific Ry., securities 899
Rose, C. G., rp., etc., of Fed. Trade Comn 807
Rose, Josiah T., court case 557
Rose, *see* Roses.
Rose Island, map 537
Rose Telephone Co., acquisition 111
Rosenbaum, J., ginseng diseases 8
Rosenberg, Maurice N., gumma of face 751
Rosenberg, Moe, *v.* United States 122
Rosenberg, Samuel J., steel resistance to sand abrasion 160, 303
Rosenberg Library, silver service 403, 618, 688
Rosenfeld, Arthur H., la Estación Experimental de la Industria Azucarera de Java 260
Rosenfield & Rapkin, *v.* United States 307
Rosenow vaccine, etc., epidemic encephalitis 937
Rosenthal, Sam, watermelons 818
Rosenthal, Sanford M.:
oxygen consumption of living cells 851
oxygen consumption of tissues 750, 935
Roses:
brown canker, development 861, 950
diseases, cause and control 1025
everblooming, available for most purposes 89
for the home 1025
for trellises, etc., result of hybridizing 89
sawflies injurious to foliage 865
Rosin, *see* Gums and resins—Synthetic phenolic resin—*also* Naval stores.
Rosin size:
light sensitivity 964
rates on 49
Roskva, steamship:
to reimburse owners 495
Ross, Clarence S., kaolin minerals 1048
Ross, Clyde P.:
history of metal mining in Idaho 243, 892
geology, etc., of Woods River region 43
Madden Dam project 537, 892
Ross, Earl A., relief 803
Ross, Frank P., relief 803
Ross, Hilary, blood sera of lepers 851
Ross, Janet H., claim 574
Ross, John E., relief 627, 781
Ross Gear & Tool Co., crates 815
Rossini, Frederick D.:
heat contents in aqueous solutions 964
heat of formation of water 485, 776
heat of ionization of water 964
heats of combustion of methane, etc 485, 776

Page

Rosslyn Connecting R. R. 508, 653, 691, 788
Rosters, Indian service officers, 1930 420
see also Directories—Registers.
Rot, *see* name of rot.
Rotation of crops:
barley scab controlled 216
nemas causing plant galls controlled 88
Roth, Gabriel, relief 781
Rothrock, A. M.:
fuel vapor pressure 59
oil engine injection system 59
pressure in fuel injection system 342, 1065
Rough River, navigation, etc. 854
Roumania, *see* Rumania.
Round Island, chart 142
Rounsefell, George A., Pacific herring 13
Rouse, Nancy H., relief 663, 792
Routing:
cases—
Atchison, Topeka & Santa Fe Ry 183
Beardslee Launch & Barge Serv., Inc., etc 118
Georgia & Florida R. R., restriction 118
Great Northern Ry. *v.* Delmar Co. 540, 812
Panhandle & Santa Fe Ry 183
emergency, unusual routes for shipments 183
of petroleum 181
via Fort Worth & Denver City Ry 321
via Mobile & Ohio R. R. 981
Routt National Forest 131
Routzahn, Carl F.:
Aluminum Castings Co. *v.* 322, 449
v. Petroleum Iron Works of Ohio 556
Rowan, J. L., bridge 502, 671, 786
Rowbottom, Harry E. (Representative from Ind.):
report made by—
Claims Com. 397
Rowe, L. S., Pan American Union 1071
Rowe, Robbie, *vs.* J. S. Darling & Son 359
Rowland, George A., hospitalized neuropsychiatric man 852
Rowley, Edward G., patent appeal 483
Roxana Petroleum Corporation, petroleum 181
Roy & Titcomb, Inc., *v.* United States 333, 336, 430
Royal Baking Powder Co., complaints, etc. 971
Royal Bank of Canada *v.* United States 307
Royal Commission of New South Wales, coal industry 796
Royal Holland Lloyd *v.* United States 189
Royster, F. S., Guano Co., Inc., fertilizers 544
Rubber:
change during storage under water 160, 303
rates on 1058
standard stock catalogue 135
Rubber Association of America, Inc. 1058
Rubber City Paint Co. 971
Rubber goods, *see* names of special articles.
Rubens, Agnes, *v.* United States (cases 141–154) 53, 821
Rubenstein, H., Co., Inc., hair 320
Ruberoid Co., shingles 1058
Rubin, Harry, catatonic dementia praecox 366
Ruck, Karl von, *see* Von Ruck, Karl.
Rudd, Augustin G., *v.* United States 55, 532
Rue, H. P., light petroleum distillates 481
Rugs, customs appeal 163
see also Wool floor coverings.
Ruh, H., map of Nevada 419
Ruins, *see* Archaeology.
Rules, *see* names of courts, commissions, etc., issuing rules—*also* special subject.
Rules Committee, House:
hearings 34, 656–657, 795–796
reports 33–34, 510, 655–656
reports, immediate consideration 34
Rulo, Nebr., bridge 502, 670, 786
Rumania, commercial agreement with U. S. 266
Rumbold, Caroline T., loblolly pine 209, 217
Rumford quadrangle, Me. 167
Rummler, Francis J., patent appeal 159
Rumreich, A.:
Rocky Mt. spotted fever, eastern type 1085
Rocky Mt. spotted fever in the East 750, 1010
typhus fever virus from rat fleas 750, 936
typhus-Rocky Mt. spotted fever group 750, 1085
Run-off, *see* Floods—Rivers.
Rundell, Rupert E., patent appeal 159
Runnells Lumber Co., lumber 546

Page

Runyon, Charles, steam tug, *see* Charles Runyon, steam tug.
Rupert, Idaho, lands, relinquishment by U. S. 529, 618
Rural credit, *see* Agricultural credit.
Rural education, *see* Education—Rural schools.
Rural health work, *see* Hygiene (public).
Rural life, *see* Country life.
Rural mail delivery, *see* Mail delivery.
Rural planning, social aspects 946
Rural School Supervision in Southern States, Conference on, *see* Conference of Supervisors of Southern States.
Rural schools:
as bibliothecas circulantes nas escolas ruraes em New Jersey 128
same (in Spanish) 194
consolidation 166
county library service 241
elementary educ. in rural areas, to promote 675
improvement and supervision 535
procedures in supervision 106
public-school educ., availability 700
schoolhouses, grounds, and equipment 242
smallness of rural high schools 166
testing farm seeds 950
Rushmore National Memorial Commission, *see* Mount Rushmore National Memorial Commission.
Rushmore Reservation, *see* Mount Rushmore Reservation.
Russ, Lewis, alias, *see* Bess, Henry.
Russ Market Co., cattle 707
Russell, Frank C., relief 781, 802
Russell, Henry L., *v.* comnr. of internal rev. 336
Russell, John, trustee, *v.* United States 1041
Russell, Philip S., patent appeal 389
Russell, Thomas, compass, etc., in Lake region 1013
Russell Oil Co., Inc., gas oil 711
Russia, American interests, claim of Norway 30
see also Union of Soviet Socialist Republics.
Russian Volunteer Fleet *v.* U. S. 430, 844, 987
Rust Prevention Association 376
Rusts, *see* names of rusts.
Rutherford County, N. C.:
sheriff—
Henrietta Mills *vs.* 200
Rutland Railroad, rates on brass 1053
Rutledge & Taylor Coal Co., coal 544
Ruzek, Anna, Acel C. Alexander *v.* 188
Ryan, D. E., Co., potatoes 547, 906
Ryan, William J., relief 627, 665
Ryan, William T. J., relief 525
Rydell, A. T., Inc., millwork 546
Rye:
black stem rust spreads from barberies 376
effect of green manure on soils 3, 85
growing in western half of U. S. 868
hybrids and back crosses 861, 950
Ryerson, Knowles A., papaya growing in Fla. 88
Rzeczyczany, Poland, claim 498, 521, 618

S

S-4, U. S. submarine:
memorial tablet at Naval Academy 30
S-21, U. S. submarine:
gravity measuring cruise 729
Sabin, Charles H., *v.* United States 307
Sabine Basin Ry. 1053
Sabine Lake:
bridge 28
chart 605
Sabine Pass, chart 605
Sabine River, bridges in La. and Tex. 502, 519, 788
Saboga Anchorage, chart 729
Sachs, Isidor, Fed. Trade Comn. rp., etc. 1045
Sackett & Wilhelms Corporation *v.* U. S. 55, 237, 430, 556, 805
Saco River, navigation, etc. 854
Sacramento, Calif., rivers, etc., in dist., rp. 589
Sacramento River, navigation, etc., partial rp. 940
Saddler, Army training manual 141
Saddlery, Federal standard stock catalogue 360
Safes, Federal standard stock catalogue 746
Safety appliances, rp. of Safety Bur., 1930 423
see also Safety of life—Train-control devices—*also* name of special appliance.

Page

Safety at Sea, Convention for, *see* International Convention for Safety of Life at Sea.
Safety Bureau, I. C. C.:
accident investigation reports, summary 45, 316, 539, 812, 1050
carriers' hours of service reports 539
investigation of railroad accidents at—
Angola, La 45
Camp Douglas, Wis 975
Glen Mary, Tenn 45
report, 1930 423
signals, train control, etc., statistics 108
Safety codes, *see* Safety of life.
Safety in Mines Research Board of Great Britain:
coal oxidizability and composition 1035
limits of inflammability of gases, etc 609
Safety matches, *see* Matches.
Safety of life:
coal-mine safety organizations in Ala 609
codes—
abrasive wheels 560
safety code series 560
stevedoring operations 163
navigable waters during regattas, etc 872
navy yards and naval stations 127, 729, 730, 834
standards in industry 341
X-ray protection, recommendations 1039
see also Safety appliances—*also* International Convention for Safety of Life at Sea.
Saffell, Ira N., relief 403
Sage, William H., jr., to order before retiring board 649
Sage grouse, new nematode worm from 1077
Sagen, H. E., hairy-root of apple trees 209, 377
Saginaw, Mich.:
chart 591
Second National Bank, trustee, *v.* U. S. 186, 235, 429
Saginaw River, chart 591
Sailing directions, *see* Navigation—*also* names of special localities.
Sailors:
deportation of alien seamen—
hearings 882
minority views of Mr. Free 794
report 794
laws relating to Amer. seamen, to amend 37
payment of seamen on foreign vessels—
hearings 37
report 671
payment of seamen's wages, hearing 504
relief of Amer. seamen in foreign ports 644
venereal disease in port of New York 76
see also Navy—Notice to mariners—Veterans, and references.
St. Andrew Bay, chart 1033
St. Andrews, Port, chart 995
St. Andrews Textile Co., cotton goods 805
St. Antoine, H. E., occupational therapy 751
St. Charles, Mo., bridge 637
St. Charles Rifle Range, easement to Wabash Ry 28, 33
St. Clair Flats Canal, lake commerce, 1930 1088
St. Clair, Lake, chart 591
St. Clair River, bridge in Michigan 28, 37, 641, 672, 788
St. Croix River, Me.:
navigation, flood control, etc 854
St. Croix River, Wis. and Minn.:
navigation, flood control, etc 141
St. Domingo, *see* Dominican Republic.
St. Elizabeths Hospital 108, 315, 974
bibliography, Jan. 1, 1903-June 30, 1929 108, 974
bulletin 108, 974
report, 1930 315
St. Francis River:
bridges in—
Arkansas 28, 641, 788
Missouri 641, 672, 788
report on backwater area 78
St. Francisville, Mo., bridge 500, 667, 783
Saint-Gaudens, Augustus:
monument to memory, U. S. contribution—
committee report 631
State Department report 575

Page

St. George Reef, chart 606
St. Georges Channel, chart 1068
St. Helens, Oreg., plant inspection 569
St. Joe National Forest, transfer of lands 1000
St. Johnswort, toxic effect on cattle, etc 149
St. Joseph, Mo., post office distribution 442
St. Joseph Belt Ry., excess income 246
St. Josephs Bay, chart 1033
St. Kitts, money-order post offices 129
St. Lawrence County, N. Y., soil survey 948
St. Lawrence Island, ancient culture 840
St. Lawrence River:
bridge in New York 402, 618, 672
charts 368, 591, 1014
pilot, supplement 728
surface water supply of basin 537
St. Louis, Mo.:
airway map 92
American Vocational Dairy and Poultry Convention 163
bridge 401, 617, 669 (2 entries)
rivers and harbors in district, rp 589
venereal disease clinics, data 140, 365
St. Louis & O'Fallon Ry., excess income 45
St. Louis Connecting R. R., construction 47
St. Louis-Kansas City Short Line R. R 637 (2 entries)
St. Louis National Baseball Club 336
St. Louis-San Francisco Ry.:
acquisition 899
bonds 318, 705
construction 47, 977
rates on—
aluminum 706
copper 902
derricks 902
egg cases and egg-case carriers 1055
food for poultry 177
gravel 49
metals 425
piling 117, 906
pipe 1057
sewer-pipe 1058
strawberries 716
zinc 818
St. Louis Southwestern Ry.:
acquisition and operation 47
bonds 172, 1053
bridge 28
case of William J. Stratton 448
equipment trust, series K 172
rates on—
cooperage stock 424
fuel-oil 903
rice 715
securities 172, 813, 1053
St. Lucia, money-order post offices 129
St. Martha Bay, *see* Espiegle Bay.
St. Martin Cove, *see* San Martin, Caleta.
St. Mary Bay, chart 191
St. Marys Falls Canal, lake commerce, 1930 1088
St. Marys River, chart 1014
St. Michael, Alaska, abolished as customs port 68
St. Paul, Minn.:
post-office leases, investigation 528
rivers and harbors in district, rp 589
switching charges 425
St. Paul & Kansas City Short Line R. R 706
St. Paul Foundry Co. employees 34
St. Petersburg, Fla., chart 385
St. Regis Paper Co. *v.* United States 717
St. Thomas, aviation chart 832
St. Vincent Island, money-order post offices 129
Sal ammoniac, *see* Ammonium-chloride.
Sal Rei, Porto, *see* English Road.
Salad dressing, standard stock catalogue 847
Salad oil, standard stock catalogue 580
Salaries:
American members of Internat. Jt. Comn 68
clerks in foreign service 620, 784
Government employees—
act of July 3, 1930 25, 31
adjustments in compensation, estimate 741
classification laws 100
report of Classification Board 731, 835
salary tables, supplement, 1929 164
withholding for breach of contract 497, 784
governor of Alaska, to fix salary 34, 694, 782
mail carriers, village delivery service 653
members of Legislature of Hawaii 25

Salaries—Continued. Page
minister to Liberia, to fix 616
officials in Philippine Islands 530
postmasters and postal employees—
hearing 689
report 795
secretary of Alaska 34, 694, 782
vocational teachers in D. C.—
hearings 793
report 630
see also Wages—*also* certain headings beginning Pay—*also* names of Departments, bureaus, etc.
Salem, George J., claim 576, 632, 677, 882
Sales territories:
Italy 296
Poland 1035
Spain 608
Union of South Africa 225
Salibo, Mike, *v.* United States 987
Salina, Kans., Chamber of Commerce, poultry 182
Salina, Utah, water supply 29
Saline River, bridge in Arkansas 502, 618, 672
Salinity, *see* Salt.
Salisbury Sound, chart 770
Salishan tribes of western plateaus 197, 355
Salladay, R. A., bridge 637, 669, 786
Salmon:
Alaska fisheries, statistical review 771
Pacific salmon fisheries 385
tagging experiments in 1929 156
Salmon Falls River, navigation, etc., rp 205
Salmon National Forest:
proclamation 264
resources, recreation features, etc 763
Salmon River, survey to prevent, etc., floods 407, 618, 744
Salt:
effect on microbial heating of hay 1021
Federal standard stock catalogue 453
production in 1929 388
rates on 715, 907
sea water salinity determination 160, 303
see also Salts.
Salt Lake City, Utah, airway map 292, 1029
Salt Lake Tribune Publishing Co., paper 181
Salt pork, *see* Pork.
Salt River, Ky.:
navigation, flood control, etc 78
Salt River Valley, Ariz.:
soil survey 864
Salton Sea Wild Life Refuge, Executive order 444
Saltpeter, Chile:
organización de la industria 996
rates on 50, 817, 981
Salts:
calcium, use in epilepsy 1086
change in transference no., determining 1038
lead and zinc, in 1929 961
nickel, standard stock catalogue 136
Saluting components, nomenclature lists 460, 461
Salvador:
foreign trade for 1928 128
rainfall 601
treaty between U. S. and Salvador 447
Sam Houston, Fort, *see* Houston, Sam, Fort.
Sammons, S. A., & Son, sewer-pipe 118, 425
Samoa, chart 566
see also American Samoa.
Samoan Islands Commission, *see* American Samoan Commission.
Samples, standard, issued or in preparation 965
Sampson, E. C., to pay 500
Samson, H. W.:
barreled apples for market 282
preparation of peaches for market 946
Samuels, Leroy T., sounding-balloon observations 153
Samuelson, Charles, relief 34
San Antonio & Aransas Pass Ry., valuation 717
San Antonio Arsenal, right of way 686
Sanatorium, tuberculosis, in D. C 630, 675
San Benito, Tex., bridge 402, 518, 519, 618
San Bernardino National Forest 510, 529, 618
San Bernardino Strait, current tables, 1932 874
San Carlos irrigation project, Exec. order 1001
Sanchez, Mercedes Martinez viuda de, *see* Martinez viuda de Sanchez, Mercedes.

Sand: Page
abrasion, resistance of steel 160, 303
Federal standard stock catalogue 847
production in 1929 962
rates on 50, 110, 118, 183, 321, 548, 715, 817, 818, 896, 907
Sanders, Archie D. (Representative from N. Y.):
report made by—
Conference Com 793
Sanders, Audley O., heart 751
Sanders, Morgan G. (Representative from Tex.):
reports made by—
Naval Affairs Com 507, 651
San Diego, Calif.:
aviation chart 257
port of San Diego 1089
San Diego & Arizona Ry., rates on granite 115
San Diego Oil Products Corporation 113
San Dionisio, P. I., chart 875
San Domingo, *see* Dominican Republic.
Sandoval County, N. Mex., geology, etc 892
Sandstone, bituminous, near Vernal, Utah 314, 810
Sandstorms, *see* Storms.
Sandusky Bay, chart 941
Sandy Bay quadrangle, Me 167
Sanford, Anna M., relief 627, 665
Sanford, R. L., permeameters 775, 965
Sanford, William R., relief of widow 627, 665
Sanford & Brooks Co., court case 336, 576
San Francisco, Calif.:
Bank of Italy, comnr. of internal rev. *v* 323
census, 1930, wholesale trade 769
chart of entrance 94
port, change of designation and extension 837
radio stations in vicinity 1069
railroad map 205
restaurant industry 157
rivers and harbors in district, rp 589
San Francisco Bay:
bridge 641, 672, 788
charts 1033
tidal current charts 223
tide and current tables, 1931 384
Sanitarium, *see* Sanatorium.
Sanitary drinking fountains, design 584
Sanitation:
and yellow fever control in Liberia 1085
military, Army extension courses 77, 141, 204, 586, 1088
milk production, publications 864
publications for sale by supt. of docs 808
rural, to authorize special study, etc 512
veterinary, Army extension courses 1012
see also Hygiene (public).
San Juan, P. R., rat-flea survey, third report 75, 273
San Juan River, N. Mex.:
flood control, etc., examination 619
San Juan River, Venezuela:
chart 921
San Luis Obispo, Calif., port 1089
San Luis Valley, drainage channel 681
San Marino, Calif., meeting of Pacific Coast Branch, Amer. Historical Assoc 132
San Martin, Caleta, chart 259
San Pedro, Calif., aviation chart 257
San Pedro Bay, *see* Los Angeles Harbor.
San Pio Quinto, Port, chart 875
Santa Ana Bay, P. I., chart 294
Santa Anna Harbor, W. I., chart 127
Santa Barbara, Calif., chart 94
Santa Cruz Bay, chart 565
Santa Fe & Los Angeles Harbor Ry., bond 899
Santa Fe County, N. Mex., lands to Woman's Board of Home Missions of Presbyterian Church 29
San Joaquin River and Valley:
flood control, etc., of river 940
geology and oil, southern border of valley 106
surface water supply of basin 107
Santa Fe Pacific R. R., relief of A. & P. R. R. land grant settlers 404, 693, 781
Santa Fe Railway, *see* Atchison, Topeka & Santa Fe Ry.
Santa Maria, Port, chart 12
Santa Monica, Calif., las escuelas platoon 1071
Santa Rosa Sound, bridge in Florida 503, 519, 619

Page

Santarossa Mosaic & Tile Co., marble 180
Santee Indians, payment 29
see also Niobrara Reservation.
Santelmo Bay, chart 566
Santiago, Chile, meteorological conditions on airway 601
Santiam National Forest, resources 763
Santmyers, R. M.:
barite and barium products, 1929 481
gypsum in 1929 226
Santo Domingo, *see* Dominican Republic.
Santo quadrangle, Tex 1049
Saracino, Silvio, United States *v* 254
Saramacca River, chart 920
Saranac Automatic Machine Corporation 844
Saranac River, navigation, etc., rp 142
Sarawak River, chart 1069
Sarcoma, *see* Tumors.
Sarcophaga, Amer. 2-winged flies of genus 356
Sargent, Charles F., to reimburse 22
Sasabe, Ariz., customs port of entry 1000
Sash hardware for ships 303
Sashes, rates on 548, 907
Sasscer, E. R.:
insects injurious to greenhouse plants 1022
oyster-shell and scurfy scales 86
Satin-moth quarantine modification 758
Satterthwait, A. F., billbugs 6
Saturday half holidays, *see* Hours of labor.
Sauces, Federal standard stock catalogue 848
Sauerkraut, vitamin content, C and A 3, 83
Saugatuck River, opening highway bridge 205
Sauk County, Wis., soil survey 150
Sault Ste. Marie, Mich., lake commerce, 1930 1088
Savannah, Ga.:
rat flea survey 851
rivers and harbors in district, rp 589
Savannah & Atlanta Ry., acquisition, etc 111, 172
Savannah Creosoting Co., switching charges 184
Savannah lightship, radiobeacon and light 14
Savannah River:
bridge in Georgia 641, 672, 788
chart 770
Savannah River Lumber Co., lumber 179
Savenac Nursery, fertilizers 151
Savoy, Prew, attorney, fee 1003
Savoy Oil Co. *v.* United States 721
Sawdust, specifications, etc 849
Sawflies injurious to rose foliage 865
Sawmill machinery:
markets in Europe 96
rates on 183
Sawyer, William W., census of elec. industries 221
Sawyer Goodman Co., lumber 546
Sayers, R. R.:
carbon-monoxide asphyxia 1085
miliary lung disease 456, 850
Sayles, Frank A., exr. *v.* United States 122
Sayles Finishing Plants, Inc., cotton goods 902
Scale, *see* Oyster-shell scale.
Scales (weighing instruments):
railway track scales, specifications 303
Scallop, natural history 607
Scandium monoxide, band spectra 881
Scanlin, Catharine, agricultural statistics 84
Scappoose Bay, preliminary examination, etc 672
Scarlet fever:
on board U. S. S. Oklahoma 436
streptococcus biologic products 139, 365
streptococcus toxin formalinized 851, 1085
Scattergood, J. Henry, Flathead power development 44
Schacklette, William S., *see* Shacklette, William S.
Schafer, John C. (Representative from Wis.):
reports made by—
Claims Com 396, 493, 623–624, 626
Schaffer, Daniel S., Co., Inc., relief 495, 516
Schaffer, J. M.:
germicidal efficiency of—
orthophenylphenol 1021
soaps 371, 372
sodium hydroxide, etc 595, 760
Schall, Thomas D. (Senator from Minn.):
report made by—
Interoceanic Canals Com 680
Schanck, Martin G., alias, *see* Schenck, Martin G.
Scharbonaugh, Joseph, relief 649
Scharf, L. E., ground parole for psychotic patients 585
Schedl, Karl E., bark-beetles 573

Page

Schedule series, Mines Bureau 297
Schee, Frank, bridge 24
Scheffer, Theophilus H.:
habits, etc., of pocket gophers 597
moles as agricultural pests, etc 373
Scheldt River, chart 64, 833
Schelm, G. W., pathology of encephalitis 274
Schenck, Martin G., relief 409, 615
Schenectady, N. Y., general depot 649
Schenectady, Delanson & Esperance Telephone Co., acquisition 977
Schenley, Pa., relief of certain persons 18
Schepss, Wilhelm, Ruric C. Roark, etc., *vs* 150
Scherrer, J. A., particle size in sampling 230, 391
Schey, Oscar W.:
effect of cowling on Wright J-5 engine 59
superchargers 59, 255, 919, 1064
Schibsted, Helge, patent appeal 611
Schicktanz, Sylvester T.:
normal octane from petroleum 775, 965
toluene content of petroleum 775, 966
correction of author's name on page 775 1018
Schiefer, Herbert F.:
air permeability of fabrics 485, 611
carpet wear testing machine 1038
Schiek, C. M., dementia præcox in twins 1011
Schimmel, Harry:
cotton 814
cotton-seed 319
Schlesinger, Gerald F., court case 823
Schlesinger, LeRoy, court case 823
Schleter, G. C., iron-constantin thermocouple 276
Schluderberg, Wm.,-T. J. Kurdle Co., meat 320
Schmidt, Otto, patent appeal 16
Schmitt, Waldo L.:
South American sea stars collected 929
trawling for crustaceans, Tortugas, Fla 840
Schnaible, Matt, Coal Co., coal 175
Schneider, George J. (Representative from Wis.):
report made by—
Immigration and Naturalization Com 794
Schneider, Leonard R.:
Greenland meteorological investigations 473
Greenland west-coast foehns 9
observing weather at Mt. Evans, Greenland 1027
Swedish expedition to Gulf Stream 473
Schnitzer, Julius:
international trade in leather 297
leather industry and trade—
Austria 772
Czechoslovakia 297
Germany 772
Japan 877
Schoenheit, William, exr., court case 56
Schoenmann, L. R., soil, Menominee Co., Mich 212
Schoenthal, Joseph Co., iron 424, 815
Schondorff, Marie, fees for attorneys 844
School attendance and employment of minors 41
School Building Problems, National Advisory Council on, *see* National Advisory Council on School Building Problems.
School-buildings:
changing conception of building problem 241
rural schoolhouses, grounds, etc 242
survey and building program, Warwick, R. I 700
School children, *see* Children.
School furniture, color for 161
School-houses, *see* School-buildings.
School hygiene, *see* Hygiene.
School libraries:
county library cooperation 242
statistics, 1929 1048
School life (periodical) 166, 242, 313, 418, 536, 700, 809, 973, 1048
title-page and index to v. 15 43
School playgrounds 166
School supplies, specifications, etc 137, 362, 582, 748, 1009
School transportation, *see* Transportation of school children.
Schoolhouses, *see* School-buildings.
Schools:
administration, State survey rps 536
age-grade study in consolidated schools 106
alcohol, hygiene, and schools, State laws 925

Page

Schools—Continued.
Bible reading, etc., legal status 106
city school systems—
per capita costs, 1929–30 973
research bureaus, organization, etc 891
significant movements 241
statistics, 1927–28 241
construction for literacy and employment 872
for—
blind, 1926–27 241
deaf, 1926–27 241
feeble-minded, etc., children, 1926–27 241
health work 241
honor system, bibliography 700
in foreign lands, to amend law 520, 629
o Externato Rural Beaver 261
same (in Spanish) 730
of Buffalo, industrial education survey 973
of District of Columbia—
achievements, 1920–30 413
relief of congestion 629
of Panama Canal Zone, report of survey 440
State aid for school consolidation 891
State systems, statistics, 1927–28 241
world cooperation with home 241
see also Academies—Colleges and universities—Education, and references—Evening schools—High schools—Junior high schools—Kindergarten—Normal schools—Nursery schools—Open-air schools—Platoon schools—Professional schools—Reformatories—Rural schools—*also* headings beginning School.
Schools Division of The Panama Canal, *see* Panama Canal (zone).
Schopmeyer, C. H.:
management of corn-growing enterprise 103
management of cotton-growing enterprise 103
management of farm business 103
Schorsch & Co., wrapping paper 716
Schoth, H. A., monantha vetch 471
Schrenk, H. H.:
dioxan vapors 139, 364
ethyl benzene vapors 202
Schroeder, John, Lumber Co., lumber 249
Schroeder, William C., cod off New England 156
Schroon River Pulp & Paper Co., coal 708
Schuette, C. N., quicksilver 962
Schulte, J. I., agric. experiment stations 214, 285
Schultz, E. S., why potatoes run out 1025
Schulz, George J., vocational education 797
Schuman, Clyde B.:
emergency low-cost food supply 763
family's food at low cost 470, 867
how boys and girls can help in drought 891
Schuman, Louis, plate strength under edge compression 562, 1064
Schurecht, H. G.:
moisture expansion of glazes, etc 775, 965
strains between glazes and bodies 17, 98
Schureman, Paul, mean sea level 93
Schuylkill River, draw spans, opening 367
Schwalen, H. C., soil, Salt River Valley, Ariz 864
Schwartz, Benjamin:
complaint, etc., of Federal Trade Comn 1046
Schwartz, Benjamin:
parasites, etc., of horses 372
rabbit parasites and diseases 760
Schwartz, Louis, physical development and posture, pt. 4 936
Schwartz, William S., furniture 114
Schwartz & Jaffee, Inc 336, 915
Schwarz, Fred, jr., relief 22
Schwinn, Arnold, & Co 52
Science, medals, etc., for Govt. employees 32
Sciences, National Academy of, *see* National Academy of Sciences.
Scientific expeditions, *see* Explorations.
Scientific literature, international catalogue 573
Scituate Harbor, chart 606
Sclerosis, multiple, with case report 274
Scofield, Carl S., boron in water may hurt orchards 88
Score cards for judging clothing 867
Scotometer, inexpensive but practical 585
Scott, Arnold H., rubber under water 160, 303
Scott, Clarice L.:
ensembles for sunny days 7
suits for small boy 470

Page

Scott, E. L., fat samples from live hogs 595, 758
Scott, Guy B., relief 527, 615
Scott, R. B., precision cryostat 775, 965
Scott, Sanford, United States *v.* guardian 556
Scott, W. M., barreled apples for market 282
Scott, Winfield, bridge 24
Scottish Metropolitan Assurance Co., Ltd 930
Scourfield Bahia, chart 259
Scouring compounds:
powder, standard stock catalogue 580
specifications, etc 137, 363, 748, 1009
Screw jacks, bell-bottom, waste elimination 776
Screw worms affecting animals 374
Screws:
elimination of waste, screw threads 231
Federal standard stock catalogue 579
Scribner, Bourdon F., spectra of lutecium 17, 99
Scripps Institution of Oceanography, rp 766
Scudder, Nathan F., spins, flight measurement 992
Scurfy scale and oyster-shell scale 86
Sea, *see* Ocean—*also* name of sea.
Sea foods, refrigerator cars for, charges 906
see also Fish and fisheries.
Sea level:
accuracy of determination 93
variation from level surface 93
Sea, Safety of Life at, Convention, *see* International Convention for Safety of Life at Sea.
Sea stars collected by Waldo L. Schmitt 929
Sea water, salinity determination 160, 303
Seaboard Air Line Ry.:
abandonment 247, 423
bonds 47
equipment trust, series DD 111
misrouting 321
rates on—
baskets 173
cotton 113, 902
cracklings 979
cranes 114
drag-line machines 903
excavating machinery 177
kilns 115
lumber 179
potatoes 49
readjustment 172, 899
receivers' certificates 1053
reconsignment 321, 817
Seaborn, H. G., Burns Poe *vs* 72, 336
Seagoing vessels of U. S., 1930 227, 482
Seagren, Arthur, United States *vs* 696, 824
Seagull Anchorage, chart 259
Seal and seal fisheries:
Alaska fur-seal industries, 1929 223
Pribilof Islands, computation for 1929 223
Seale, Ida C., United States *v* 336
Sealing machines, specifications, etc 747
Sealing wax, standard stock catalogue 270
Seals (animals), *see* Seal and seal fisheries.
Seals (fasteners):
Christmas seals on mail matter 347
use on registered mail 129
Seamanship, *see* Navigation.
Seamen, *see* Sailors.
Seams for copper roofing 160, 302
Seaplanes:
water pressure on flying boat hull 59, 1064
same, errata 342
water pressure on twin-float seaplane 59
see also Aircraft.
Seaports, *see* Harbors.
Seares, Frederick H., counting stars 355
Searls, Dolph C., case of admx 557
Searls, James M., United States *v* 557
Sears, H. M., Natural Bridge National Forest 599
Sears, Roebuck & Company Employees' Savings and Profit Sharing Pension Fund 122
Seasoning of wood, *see* Wood.
Seattle, Wash.:
fishery products, monthly statement 95, 156, 224, 385, 479, 606, 770, 875, 959, 1034
Naval Air Station, lands 27
rivers and harbors in district, rp 589
switching charges 118
Sebrell, W. H.:
anemia of dogs produced by onions 138
assay of antineuritic vitamin 936, 1085

Sebrell, W. H.—Continued. Page
dithioethylamine in diet of white rat 1010
lard, etc., blacktongue preventive 138
liver extract, blacktongue preventive 456, 850
Second-class mail, *see* Mail matter.
Second Division, A. E. F., *see* American Expeditionary Forces.
Secondary education:
accredited schools 418
biennial survey, 1926–28 241
directory of school systems, 1931 700
English and American, comparison 809
in Norway 313
see also High schools—Junior high schools.
Secondary metals in 1929 609
Secondary schools, *see* Secondary education.
Secretaries:
appointment of private secretaries 926
compensation of secretary of Alaska 34, 694, 782
see also for Departmental secretaries, names of Departments.
Secretary of Senate, *see* Senate.
Sectonema, predacious nemas 209, 288
Securities:
foreign, American underwriting 296, 772
paper mill for U. S. securities 793
sale in D. C., prevention of fraud—
hearings 674, 793
report 674
see also Bonds—Bonds of United States—Stocks—*also* names of United States securities, e. g. Treasury bills—*also* names of companies, railroads, etc., issuing securities.
Security-First National Bank of Los Angeles 338, 430, 722
Seed, *see* Seeds.
Seed oysters, *see* Oysters.
Seeds:
forage-crop imports vary much 88
germination loss, coniferous seeds 595, 764
marketing hints for farmer 596
publications for sale by supt. of docs 417
quarantine regulations 466
regulations under Federal seed act 600
specifications, etc 363, 748, 849
standard stock catalogue 1008
storing, regulations under warehouse act 467
testing farm seeds in home, etc 950
treatment reduces loss from diseases 377
vegetable, for home and market garden 1025
vitality of buried seeds 471
see also Agricultural credit—Cotton-seed—*also* names of special plants.
Seekonk River, chart 156
Seeley, Dewey A., tornadoes in Mich., May 1930 90
Seeley, E. M., natural gasoline in 1929 609
Seger, George N. (Representative from N. J.): report made by—
Rivers and Harbors Com 795
Seguin quadrangle, Tex 314
Seguine, Margaret, trustee, *v.* United States 305
Seibert, F. M., diet in skin diseases 366
Seidell, Atherton, antineuritic vitamin 456, 851
Seiple, B. C., age and employability 560
Seismology, *see* Earthquakes.
Seizures, convulsive 1011
Selby, George, relief 686, 781
Select committees, *see* Committees—*also* names of committees.
Selfridge Field:
quartermaster storehouse 649
sea wall 506, 788
water main 649
Selick, C. H., Inc., Fed. Trade Comm. rp., etc 239
Seltzer, Thomas, relief 22
Selway National Forest, transfer of lands 1075
Semet-Solvay Co., coke 176
Seminole Indians, survey by Roy Nash 797
Semmes, James H. (or S.), alias, *see* Hall, James H.
Semple, Arthur T.:
beef from purebred, etc., calves 211
feeds for livestock, special preparation 85
Senate 35, 102, 161, 233, 304, 405, 511, 659, 796, 883, 967, 1040
accounts, *see*, below, receipts, etc.
appropriations, 1931, supplemental estimates 405, 512, 659
Senate—Continued. Page
calendar 35, 405, 512, 659, 796
contested election, Heflin *v.* Bankhead 659
fire protection, Senate wing of Capitol 602
folding speeches and pamphlets, estimate 659
inquiries, etc., estimate for expenses 405, 512
journal—
71st Cong. 2d sess 301
71st Cong. 3d sess 967
71st Cong., special sess. of Senate 304
Members—
campaign expenditures, hearings 39, 102, 162, 234, 693, 803, 1040, 1041
campaign expenditures, reports 803
campaign expenditures, views 803
term of office, hearing 656
term of office, reports 630, 656
nominees for office, 72d Congress 232
Office Building—
fire protection, estimate 602
maintenance, estimate 474
pages, pay until end of 71st Cong. 2d sess 30
receipts, etc., July, 1929–June, 1930 511
secretary—
report, July, 1929–June, 1930 511
Senate Office Building, *see*, above, Office Building.
special sessions, 1929–30—
index to documents and schedule of vols 808, 972
preliminary schedule of vols 240
proclamation convening, July 7, 1930 69
votes on tariff bill of 1930 35
see also Capitol—Congress of United States—*also* names of committees, and names of Senators.
Senate journal, *see* Senate.
Senate Office Building, *see* Senate.
Senatorial Campaign Expenditures Select Committee, Senate:
hearings 39, 102, 162, 234, 693, 803, 1040–1041
reports 803
Senators, *see* Senate—*also* names of Senators.
Seneca Canal, chart 591
Seneca Hotel Co. *v.* United States 237
Seneca Indians:
ratification of leases—
hearing 680
report 500
receipts, etc., from leasing lands, rp 534
Senitha, Hugo de W., *v.* comnr. of patents 300
Sense organs of Coleoptera 928
Senzaki Ko, chart 729
Sequoia National Park, circular 894
Sera, *see* Serums.
Serbs, Croats, and Slovenes, Kingdom of, *see* Yugoslavia.
Serena, Ill., bridge near 501, 667, 784
Sergius Narrows, chart 770
Serial documents, *see* Congressional documents—Government publications.
Sermons:
copyrighted 124, 255, 342, 434, 561, 562, 827, 918, 991, 1063
index, etc., 1930 1063
Serpent Harbor, chart 142
Serrano Colon, Asuncion, *v.* A. J. Hanlon 915
Serums:
gonorrheal arthritis and epididymitis 851, 936
lepers, phosphorus, etc., in blood sera 851
Rosenow, in epidemic encephalitis 937
zone phenomenon in human sera 273, 584
see also Biological products.
Servant in the house (sewing machine) 354
Servera, Joaquin, trading under laws of Peru 157
Service and regulatory announcements:
Agricultural Economics Bureau 210, 467, 596, 759, 1020
Animal Industry Bureau 5, 85, 149, 211, 283, 467, 597, 760, 863, 947
index, 1930 597
Biological Survey Bureau 149, 212, 760, 863
Food and Drug Administration 87, 215, 375, 469, 763, 866, 948
Plant Industry Bureau 8, 600
Plant Quarantine and Control Administration 8, 377, 472
index, 1929 152
title-page and contents, 1929 152
Service certificates, *see* Adjusted service certificates.

Page

Service for the Blind, Library of Congress.. 59, 1063
report, 1929–30 1063
Serviss Telephone System, acquisition 172
Session laws, *see* Laws.
Setozaki Ko, *see* Senzaki Ko.
Settees, rates on 183
Settlement of war claims act, *see* Claims.
Seufert Brothers Co 188
Sewage and sewerage of farm homes 951
Seward, Alaska, lots for Agric. Dept 263
Seward City Mills, Inc., relief 495, 516, 781
Sewell, E., admr., *v.* comnr. of internal revenue. 336
Sewer-pipe, rates on.. 118, 183, 321, 425, 715, 907, 1058
Sewerage and sewage of farm homes 951
Sewing-machine, history 354
Sex:
education in the home 274
mechanism in Uromyces 1026
Seymour, Wilmarth Y., psychotic hospital 937
Seymour Manufacturing Co 721
Shaar, C. M., extension apparatus and fracture frame 256
Shacklette, William S.:
judgment for payment 557
v. United States 55, 413
Shades, *see* Window shades.
Shafter, Fort, portion restored to Hawaii 570
Shafting, operation, care, etc. (2 entries) 563
Shakespeare Co., Fed. Trade Comn. rp., etc 698
Shale:
Burgess shale fossils, addenda 1077
Burgess shale fossils, restudy 356
mollusks from Aspen shale, Wyoming 737
see also Oil-shale.
Shamel, A. D.:
citrus-fruit growing 287
citrus-fruit improvement 600
pruning citrus trees in the Southwest 289
Shamel, H. Harold, bats of genus Tadarida 1002
Shapiro, Joseph, Co., Inc., to investigate 674
Shapovalof, Michael, tomato yellows, control.. 789
Sharkey, Charles F.:
decisions of courts, etc., affecting labor 123
labor legislation, 1929 794
Sharp, H. C., discipline of hospital patients 585
Sharples Solvents Corporation, gasoline 904
Sharpsville Railroad, abandonment 542
Shartzer, G. H., bricks 174
Shaughnessy, John J., Hannah M. Smith, admx., *vs.* 1004
Shaw, Edward L., milk goats 5, 1020
Shaw, John S., relief 495
Shaw, Merle B.:
paper-coating minerals and adhesives.. 391, 485
paper-making properties of Phormium. 775, 964
preparation of fiber test sheets 17, 99
Shawhan, R. C., use of lipiodol 366
Shawneetown, Ill., bridge 502, 671, 786
Sheaffer, W. A., Pen Co., ink 320
Shearer, David M., relief 392
Shearer, George L., court case 824, 987
Shearer, Jacob, faulty union of fractures 140
Shearman Concrete Pipe Co., sewer-pipe. 907, 1058
Shearwater Bay, chart 477
Sheep:
instructions for herders, etc 215
judging sheep 283
Karakul sheep 467
lamb twins 5
pathogenicity of Thysanosoma 757, 862
raising on temporary pastures 149, 947
Rambouillet, wool of long staple 85
sheep-killing dogs 85
silage for sheep 213
Southdowns demonstrate improvement 760
statistics 84
toxic effect of St. Johnswort 149
urinary calculi 861, 945
see also Cattle.
Sheep laurel, stock-poisoning plant 372
Sheep tick, eradication by dipping 597
Sheet-metal, standard thicknesses, etc 881
Sheeting:
cotton, standard stock catalogue 848, 933
rubber, standard stock catalogue 136
Sheets, E. W.:
breeds of beef cattle 84
feeding cottonseed products to livestock 467

Page

Sheets, E. W.—Continued.
grading up beef cattle 372
handling livestock during drought 211
silage for beef cattle 213
Sheets, cotton, standard stock catalogue 848
Sheffield, James R., reimbursement 22
Sheffield Elevator Co., beans 319
Sheffler, Charles, fee for attorneys 134
Sheild, Marcellus C., appropriations, etc., 71st Congress 233, 1040
Sheldon, Charles, Wild Life Refuge, *see* Charles Sheldon Wild Life Refuge.
Shelf-angle connections, strength 230, 391
Shelikof Strait, chart 479
Shellac, orange, standard stock catalogue 73
Shellacking tree wounds 1026
Shellfish, publications for sale 534
see also names of shellfish.
Shells, rates on 548
see also Mollusks.
Shells (ordnance):
loaded paper shot shells 231, 965
standard nomenclature list 1015
Shelly, Emma, relief 495
Shelter belts, planting, etc., Great Plains 1026
Shenandoah-Cumberland region, apples 862
Shepard, E. R., pipe-line currents and soil. 880, 1039
Shepard, Harold H., mosquito larvae 147, 214
Shepard, J. B., fruit and vegetable statistics 4
Shepard, Ward, forests and floods 1024
Shepherd, J. B.:
care of dairy calf 1022
care of dairy cow at calving time 6
raising dairy heifer 213
Shepherd, Martin, analysis of gas mixtures. 485, 612
Sheppard, Morris (Senator from Tex.):
paper presented by—
vocational education in U. S 797
reports made by—
Military Affairs Com 38, 409, 524–525, 683–686
Sheppard & Myers, Inc., court case 557
Sherburne Mercantile Co., relief 634
Sherby, Harry, *v.* United States 329
Sherman, Caroline B.:
farm products, national standards 4
is public market good civic investment?.. 1020
roadside markets 210
Sherman, Edward A., forestry as a profession. 1024
Sherman, Ralph A., refractories 481
Sherman, Russell S., Inc., automobiles 352
Shetter, B. Frank, relief 22
Shetterly, Fred F., patent appeal 98
Shewan, James, & Sons., *v.* United States 1043
Shields, Cora G., *see* Clarkson, Cora G.
Shimizu Ko, chart 438
Shimonoseki Ko, chart 63
Shingles, rates on 50, 425, 818, 1058
Ship Construction & Trading Co., Inc 336, 915
Ship subsidies, *see* Subsidies.
Ship-worm, *see* Shipworm.
Shipping:
double income tax arrangements with—
Brazil 929
Denmark and Iceland 574
France 574
Germany 929
Great Britain and Northern Ireland 266
Greece 575
Italy 447
Netherlands 447
Norway 575
Spain 199
fines for unnecessary mail delays, etc.. 528, 617
publications for sale by supt. of docs 311
transportation on Great Lakes 277
Virgin Is. exempt from coastwise laws 131
see also Carriers—Commerce—Export declarations — Merchant marine — Navigation — Ships — Subsidies — *also* names of commodities shipped.
Shipping Board 69, 131, 197, 264, 352, 445, 571, 736, 838, 927, 1001, 1076
committee to investigate 34
estimates, 1932, amendments 451, 578
form for annual reports of carriers 736
report, 1930 445
sale of Hoboken, N. J., property 671

Page

Shipping Board—Continued.
schedule of sailings of vessels 69, 132, 197, 445, 572, 736, 839, 928, 1001, 1076
Shipping Board Merchant Fleet Corporation 69, 131, 197, 265, 353, 445, 572, 736, 839, 927, 1001, 1076.
annual rp., 1930 445
estimates, 1932, amendments 451, 578
financial transactions, analysis of rp 445
Shipping commissioner in classified service 264
Shipping subsidies, *see* Subsidies.
Ships:
aerological observations with balloon 766
American marine standards 99, 100, 160, 231, 301, 303, 485
contractual provisions for vessels 278
judgments under public vessels act 718
loading, etc., labor productivity 724, 725
measurement certificates, agreement 448
measurement for Panama Canal 407
navigating Panama Canal, inspection 639
radio equipment, to regulate in C. Z 639
repairs, American vessels 269
schedule of sailings, Shipping Board vessels 69, 132, 197, 445, 572, 736, 839, 928, 1001, 1076
stability and damage control 726
suction of vessels, model experiments 345, 566
supplies, regulations governing withdrawal 747
weather observations, vessel code 952
see also Boats—Coast Guard cutters—Steamboats—Submarine boats—War-ships—*also* Collisions at sea—Merchant marine—Shipping.
Shipstead, Henrik (Senator from Minn.):
injunctions in labor disputes 796
reports made by—
Commerce Com 800
Printing Com 690
Shipworm, new, from Venezuela 928
Shirts, *see* Clothing.
Shlansky, Philip, & Co., Inc 240
Shoaf, H. W., methyl chloride poisoning 139
Shoe findings, specifications, etc 747
Shoe goring, elastic, waste elimination 231
Shoe last blocks, rates on 183
Shoemaker, Clarence R., amphipod crustacean 840
Shoemaker, D. N., vegetable seeds 1025
Shoemaker, William D., *v.* comnr, of patents 300
Shoenberg, Sydney M., court case 557
Shoes, *see* Boots and shoes.
Shollenberger, J. F., qualities of wheats 283
Shook, W. B., rabbit parasites and diseases 760
Shooks, rates on 118, 907
Shore, Frank, *v.* United States 430, 987
Shores Mueller Co., food for cattle 177
Shorey, Edmund C.:
differences in soil organic matter 213
principles of liming soils 761
Short, M. N., ore minerals, microscopic determination 973
Short branch of cotton 209, 217
Shortridge, Samuel M. (Senator from Calif.):
reports made by—
Finance Com 676
Naval Affairs Com 525–526, 688
Shoshone Dam 421
Shoshone irrigation project, schedule, etc 108
Shoshone National Forest, resources, etc 7
Shoshoni Indians:
enrollment, Yahooskin band, Snake Indians 32
per capita payment 500, 522, 619
Shotwell, R. L., lesser migratory grasshopper 86
Shoulder dislocation, operative treatment 76
Shovels, power, rates on 981
Show, S. B.:
fire protection in Calif. pine region 151
forest fires in Calif., 1911–20 949
national forests benefit Calif 87
Showalter, Ben D., relief 495
Shreve, Milton W. (Representative from Pa.):
reports made by—
Appropriations Com 491
Conference Com 621
Shreve, R. Norris, greensand bibl. to 1930 481
Shreveport, La.:
bridge 401, 407, 488
Chamber of Commerce—
misrouting 180
refrigerators 715

Page

Shreveport, La.—Continued.
land for aviation field 29
Shrubs:
Federal standard stock catalogue 1008
propagation 765
Shulthis, A. W., case of admrs 336
Shuman, Jesse W., notes on lake levels 1027
Shure, N., Co., rp., etc., of Fed. Trade Comn 698
Siam:
fishes, new genera and species 841
industrial machinery market 480
Siberia, chart of coast 259
Sibley County, Minn., bridge 27
Sibley, Lake Bisteneau & Southern Ry 168
Sibray, D. L., timbering in coal mines 388
Sibucco Bay, chart 12
Sickness:
among industrial employees 139, 273, 456, 936, 1085
designations for admissions to sick list 256
in Knoxville, Tenn. (2 entries) 1010
see also Diseases—Medical care.
Siedle, Theodore A., teacher training 533
Siemek, Stanislaus, relief 627, 665, 781
Sierra National Forest, resources, etc 7
Sievers, Arthur F.:
American medicinal plants 88
peppermint and spearmint as farm crops 152, 1025
processing, etc., of Deglet Noor dates 376
Sigg-Fehr, Jak. Robert, case of admr 10
Sight, *see* Vision.
Sights (ordnance):
nomenclature lists 460, 1014
Sign-boards, *see* Signs.
Signal Corps:
regulations 204, 1012
regulations for Officers' Reserve Corps 1087
technical regulations 853, 1087
Signal Office 144, 206, 278, 592, 754, 942, 1015, 1090
circular 144, 592
orders 144, 206, 278, 592, 754, 942, 1015, 1090
Signal School extension courses 1012, 1088 (2 entries)
Signals:
merchant vessels of U. S., signal letters 227
time, radio aids to navigation 257
see also Block-signals—Military communication.
Signs:
to regulate in District of Columbia—
law 788
reports 497, 620, 629
Siksika Indians, *see* Blackfeet Indians.
Silage:
making and feeding 213
soybeans valuable grown with other crops 5
Silica:
mold-wash, standard stock catalogue 580
production in 1929 227
rates on 907
Silicate of soda, rates on 183
Silicon, deoxidation of steel 609
Siliqua patula, growth and mortality, etc 607
Silk, Samuel A., treatment of paresis 108
Silk noils, rates on 715
Sill, Fort, paving Government road 525, 788
Silos, homemade 213
Silver, James:
rat control 5
rat proofing buildings and premises 373
red-squill powder in rat control 468
thallium, use in rodent control 863
Silver:
and other metals in argentiferous ores 227
commerce with silver-using countries 676
in—
Arizona 226
California and Oregon 961
Central States 481
Colorado 226
Eastern States 298
Idaho and Washington 96, 961
South Dakota and Wyoming 878
Utah 1036
market in 1930 608
minerals, collecting in Ontario 840
production and consumption, 1928–29 583

Page

Silver—Continued.
production in 1928 298
value of 1928 mine production 298
Silver City Beer & Ice Co., roofing 715
Silverfish as pest of household 1022
Silverware, standard stock catalogue 1081
Simmons, C. S., soil of Hancock County, Ind 149
Simmons, Clara H., relief 663, 792
Simmons, Francis E., world sisal production 225
Simmons, Perez, fig insects in California 948
Simmons, Robert G. (Representative from Nebr.):
reports made by—
Appropriations Com 490
Conference Com 30, 620
Simmons, V. L., sheep-killing dogs 85
Simmons Company, mattresses 980
Simms, Albert G. (Representative from N. Mex.):
reports made by—
Claims Com 624
Public Lands Com 509
Simms Oil Co., misrouting 180
Simon, Emil J., *v.* United States 413
Simon, Ascher & Co., Inc 844
Simons Brick Co 337, 824
Simonstad, Olaf G. S., *v.* United States 337, 532
Simple resolutions, *see* Resolutions.
Simplified practice, recommendations for elimination of industrial waste 17, 160, 161, 231, 301, 302, 390, 391, 484, 485, 612, 775, 776, 881, 964, 965, 966, 1038, 1039.
see also Commercial standards.
Simpson, A. Gael, moisture of forest fuels 379
Simpson, H. H., court case 40, 312, 720, 913, 1005
Simpson, Lemuel L., relief 649
Sims, Denton L., relief 525
Sims Milling Co 310, 416, 1046
Simulation:
article on 829
deafness simulated 829
Sinclair, Glenna F., Federal reclamation laws 244
Sinclair, James H. (Representative from N. Dak.):
reports made by—
War Claims Com 511, 657, 796
Sinclair Crude Oil Purchasing Co., iron 424
Sinclair Oil & Gas Co., oil-well supplies 116
Sinclair Refining Co., gasoline 320, 711
Sinclair Wyoming Oil Co., iron 904
Singer, George:
ionization chamber diaphragm 612, 777
standard ionization chamber 160, 302
Singer, Philip A., & Bro., Inc 1046
Single, H. A., surgical extraction of teeth 366
Singles, Edna S., *v.* United States 413, 721, 888
Sinnott, Dorothy I., appointment 1001
Sioux City, Iowa, bridge 638, 786, 800
Sioux City Grain Exchange 982
Sioux City Terminal Ry.:
excess income 423
valuation 50
Sirups, *see* Syrups.
Sisal hemp, world production and trade 225
Sisseton Indians, *see* Santee Indians.
Sistersville, W. Va., bridge 401, 618
Sistersville Ohio River Bridge Co 401, 618
Site acceptance, *see* Public buildings.
Sitka Harbor, chart 223
Sitka Magnetic Observatory, observations in 1923 and 1924 294
Siuslaw River, chart 479
Six nations, *see* Iroquois Indians.
Skeleton, *see* Bones.
Skelly Oil Co., petroleum 906
Skid platforms, waste elimination 966
Skin:
diseases, importance of diet 366
dystrophic changes, rel. of hypothyroidism 1011
temperatures, effect of radiant energy 76
treatment of herpes zoster 1086
tuberculosis and heliotherapy 751
Skinner, F. S., Providence, R. I., district, rpt. 589
Skinner, J. J.:
fertilizer experiments on Norfolk loam 598
fertilizers for pecan soils 373
Skinner, Robert P., retention in foreign service 571
Skinner, William C., case of executors 55, 915

Page

Skinner Manufacturing Co., bran 707
Skins, *see* Leather, hides, and skins.
Skulls:
epileptics, skull fractures 937
human crania in Nat. Museum, catalogue 929
Slade, Charles, to pay widow 489
Slade, Frances, to pay 489
Slag:
rates on 183, 425, 548, 715, 818, 981, 1058
specifications, etc 849
Slate:
production in 1929 388
rates on 183
Slater, C. S., percolation rates of soils 598
Slaughtering:
beef on farm 759
lamb and mutton, farm slaughtering 467
wages, etc., in slaughtering industry 990
Slavery in Liberia, International Commission of Inquiry report 575
Slayton, W. L., Eugene Denman *v.* 557
Sleeping sickness, *see* Encephalitis lethargica.
Slemp, C. Bascom, statement on Paris exposition 498
Slepian, Joseph, patent appeal 389
Slime flux of Carolina poplar 209, 288
Slimes (metallurgy):
agglomeration and leaching 388
Mother Lode carbonaceous slime tailings 298
Slip covers 1024
Slip laws, *see* Laws.
Slippers, *see* Boots and shoes.
Sliter, Uriel, relief 781, 802
Slocum, Rob R., capons and caponizing 759
Sludge, oxygen rate of disappearance 1010
Sluga, John, United States *v.* 56
Small, Tom, relief 665
Small Arms Firing School, Camp Perry 754
Smallpox, vaccination essentials 364, 584
Smart, T. L., producing sterile blowfly larvæ 1066
Smelting zinc, from chemical, etc., viewpoint 158
Smith, A. E., receiver, granite 545
Smith, A. Viola, motor roads in China 1035
Smith, Addie B., relief 22
Smith, Addison T. (Representative from Idaho):
reports made by—
Irrigation and Reclamation Com 402, 503, 642
Public Lands Com 404, 509, 654-655
Smith, Alan P.:
alcoholic neuritis 1011
some neuropsychiatric observations 585
Smith, Alexander, & Sons Carpet Co., mohair 180
Smith, Alfred E., housing 872
Smith, Bernard, *v.* United States 557, 1043
Smith, Bradford B., price of cotton 946
Smith, C. B., relief 22
Smith, C. O., relief 516, 627, 781
Smith, Charles, relief 686, 781
Smith, Clayton O., citrus blast (2 entries) 147
Smith, Clinton G., Alabama National Forest 867
Smith, Donald W.:
automotive products, marketing 385
electrical equipment market 225
Smith, E. S., *vs.* W. B. Cahoon 1079
Smith, Edgar R.:
change in transference no. of a salt 1038
platinate-platinite electrode 160, 301
Smith, Edward H., sea water salinity 160, 303
Smith, Ellison D. (Senator from S. C.):
report made by—
Agriculture and Forestry Com 512
Smith, Eugene R.:
o Externato Rural Beaver 261
same (in Spanish) 730
Smith, F. C., tuberculosis, its nature, etc 1085
Smith, Francis, alias, *see* Bess, Henry.
Smith, Frank A., benefits of compensation act 495
Smith, George O.:
quo warranto proceedings 523
triangulation, traverse, and leveling 93
see also Federal Power Commission—Geological Survey.
Smith, H. B., Co., misrouting 116
Smith, H. F., sanitation, etc., in Liberia 1085
Smith, H. Gerald, revenues, etc., of Latin American republics 1071
Smith, Harold M., Cabin Creek petroleum 14
Smith, Harris, relief of heirs 516, 781

Page

Smith, Howard M.:
soil surveys—
Lyon County, Iowa 947
Muskingum County, Ohio 86
Washington County, Ohio 284
Smith, Hugh M., Siamese fishes, new genera 841
Smith, J. G., adsorption of acid dye anions by soil colloids 209, 212
Smith, J. Walter, relief 781, 802
Smith, Jacob K., court case of admr 337
Smith, John P., relief 403
Smith, John R., *v.* United States 337
Smith, Kate F. Merle-, *see* Merle-Smith, Kate F.
Smith, Katharine A., food labels safe guide 151
Smith, Lewis A.:
chromite in 1929 772
manganese and ores in 1929 961
Smith, Loren B., Japanese beetle 6
Smith, Louis L., *v.* United States 824
Smith, Margaret C.:
alfalfa as source of vitamin A 861, 945
yellow corn and grain sorghums (2 entries) 83
Smith, Maurice I.:
antineuritic vitamin 456, 851
ergot alkaloids, colorimetric reaction 272
ginger paralysis in California 1010
phenol esters, pharmacological action 273, 749
studies of so-called ginger paralysis 75, 273 (2 entries), 749
Smith, Nathan R., green manures on soils 3, 85
Smith, O. A., Agency, Inc.:
graphite 115
pulp board 117
taximeters 50
Smith, Owen P. case of admx 1004
Smith, Patia, appointment 69
Smith, Philip S.:
geology, etc., of northwestern Alaska 106
mineral industry of Alaska, 1929 419
mineral resources of Alaska—
1927, index, etc 43
1928 537
Smith, R. H., strut forms 59, 60
Smith, Ralph W.:
covered-smut infection in oats 210, 288
grains for western N. and S. Dak., etc 288
growing rye in western U. S 868
Smith, Rose, cabbage yellows 3, 88
Smith, Sybil L., vitamins in food materials 1023
Smith, T. L., lumber 116
Smith, Thomas S., & Co., sweet potatoes 818
Smith, W. M., & Co., rails 117
Smith, Willard C.:
birth, stillbirth, etc., statistics, 1928 221
mortality statistics, 1928 293
venereal disease prevalence 139
Smith, Wilton Lloyd-, *see* Lloyd-Smith, Wilton.
Smith Brothers, Inc.:
excavating machinery 903
misrouting 180
Smithsonian expeditions, *see* Explorations.
Smithsonian Institution 69, 132, 197, 265, 353, 445, 572, 736, 839, 928, 1001, 1077
board of regents—
executive committee, report, 1930 446
proceedings, 1930 446
report, 1929 354
explorations and field-work, 1930 839
publications available May 22, 1931 1077
secretary—
report, 1929 354
report, 1930 446
see also Abbot, C. G.
Smithsonian miscellaneous collections 70, 354, 446, 573, 736, 839, 928, 1077
v. 81, title-page, and contents 70
v. 83, title-page, errata, and contents 573
Smoke:
effect on city minimum temperatures 291
loss of light due to in New York City 138
summary (in public health reports) 139
Smokeless powder, rates on 548
Smokers' articles, *see* names of articles.
Smoky Mountain R. R.:
acquisition 47
control 1053

Page

Smoot, Reed (Senator from Utah):
report of Public Buildings Comn 883
reports made by—
Appropriations Com 406
Conference Com 620
Finance Com 675–676, 800
Public Lands and Surveys Com 693
Smoot Sand and Gravel Corporation 558, 721, 915, 931, 1005
Smuggling liquor:
convention with Chile 448
convention with Poland 267
Smut:
barley, controlling covered smut 216
corn, nature of resistance to smut 210, 287
corn, susceptibility to smut 147, 152
oats, covered-smut infection 210, 288
solutions for culturing Ustilago zeae 209, 289
Smyrna quadrangle, Del.-N. J 1049
Snake Indians, *see* Shoshoni Indians.
Snake River:
preliminary exam. and survey, rp 78
surface water supply of basin 537
Snapp, Oliver I.:
insects attacking peach in the South 1022
plum curculio in Ga. peach belt 214
Snappers:
commercial, of Gulf of Mexico 295
obtained by steamer Albatross 1002
Snare & Triest Co. *v.* United States 987
Snell, Bertrand H. (Representative from N. Y.):
reports made by—
Rules Com 510, 655–656
Snelling, Fort:
construction 649
moving-picture theater 649
Sni-a-Bar Farms, grading up beef cattle 372
Snider, George G.:
beef extract as source of vitamin G 4
vitamin G in meats and by-products 147, 149
Snider, Joe, *v.* United States 721
Snodgrass, R. E., how insects fly 354
Snoqualmie National Forest, lands 1075
Snow, Chester, inductance of standard solenoid 964
Snow, W. A., Wilmington, N. C., district, rp 590
Snow:
analysis of precipitation, Mt. Vernon, Iowa 473
snow and ice bulletin 379, 473, 602, 766
storm at Chicago, Mar. 25–26, 1930 10
see also Precipitation.
Snow and ice bulletin, *see* Snow.
Snowden, Helen K., increase of pension 528
Snuff, for consumption beyond jurisdiction of internal-revenue laws 272
Snyder, George E., payment 627, 781
Snyder, Henry C., subsoil moisture and crops 1027
Snyder, Leo W., fiber test sheets 17, 99
Snyder, N. H.:
analyses of delivered coal 609, 772
relation of mine samples to shipments 609, 772
Snyder, T. E., preventing damage by termites 86
Snyder, W. F., sound absorption, measurement 230, 391
Soap:
customs appeal 806
germicidal efficiency with phenols, etc 371, 372
Latin American markets for soaps, etc 961
rates on 118, 548
specifications, etc 137, 363, 748, 1009
standard stock catalogue 135, 580, 581, 746, 933
surface tension of soap solutions 230, 391
see also Washing materials.
Soap dispensers, specifications, etc 747
Soap-powder, standard stock catalogue 581
Soapstone:
production in 1929 388
rates on 183
Social sciences and psychiatry 974
Social Service Conference of Chile, *see* National Social Service Conference of Chile.
Social significance of mental disease 108
Social status of mentally sick 852
Social welfare:
Pan American Union series—
serie sobre salubridad pública y previsión social 65, 194, 834, 923, 1071
serie sobre saude publica e previsão social 835

Page

Social work:
family relief in 100 cities, cost 917, 990
in veterans' hospitals 585
psychiatric social worker in hospital 751
statistics, Children's Bur. collection 254, 341
Society libraries, statistics, 1929 1048
Soda, *see* certain headings beginning Soda—Sodium.
Soda (baking):
standard stock catalogue 453
Soda (caustic):
germicidal efficiency 595, 760
germicidal efficiency with soaps, etc 371, 372
heat contents in aqueous solutions 964
standard stock catalogue 136
Soda (washing):
germicidal efficiency 595, 760
rates on soda-ash 907
standard stock catalogue 73, 136
Soda-ash, *see* Soda (washing).
Soda crackers, standard stock catalogue 1082
Soda-lime silica glasses, refraction index 1038
Sodium amytal:
use as general anesthetic 585
use in various mental diseases 852
Sodium carbonate, *see* Soda (washing).
Sodium-cyanide, standard stock catalogue 453
Sodium-fluoride, standard stock catalogue 361
Sodium hydroxide, *see* Soda (caustic).
Sodium iso-amyl-ethyl barbiturate, *see* Sodium amytal.
Sodium-sulphite, standard stock catalogue 270
Sodium thiosulphate in treatment of syphilis 61
Soil Chemistry and Physics Division 284
Soil moisture:
at seeding time, rel. to wheat yield 209, 282
subsoil moisture and crops for 1931 1027
Soil surveys, *see* Soils—*also* names of certain counties, etc.
Soil temperature:
effect of plant containers 861, 945
in United States 870
winter, rel. to insect survival 209, 466
Soils:
adsorption of acid dye anions by colloids 209, 212
analysis, method and procedure 284
colloidal material variations 468
colloidal materials in major soil groups 468
effect of rye and vetch green manures 3, 85
fertilizers for pecan soils 373
liming principles 761
microflora in sulphate-containing 757, 758
organic matter, detecting differences 213
percolation rates, laboratory studies 598
publications for sale by supt. of docs 165, 890
resistivity and pipe-line currents 880, 1039
soil survey reports 5, 6, 85, 86, 149, 150, 212, 213, 284, 373, 468, 597, 598, 760, 761, 863, 864, 947, 948, 1021.
Sokol, Jacob, *v.* United States 915
Solano County, Calif., sewer outlets 507, 788
Solar heat, *see* Sun.
Solar radiation, *see* Sun.
Solar Refining Co., gasoline 1056
Soldán, Carlos E. Paz, *see* Paz Soldán, Carlos E.
Soldiers:
serving in P. I. beyond enlistment period—
hearings 657, 796
report 511
training regulations 752
see also Army—Veterans, and references.
Soldiers' and sailors' homes:
additional facilities at branches 649
construction 649
construction for hospitalization 506
Quartermaster Corps privileges—
report 689
veto message 735
to extend facilities to Confederates 645
Soldiers' Home, District of Columbia, disposition of effects of persons dying while subject to military law 409, 497, 782
Soldiers' Home, National, *see* National Home for Disabled Volunteer Soldiers.
Solenoid inductance, pitch variations 964
Solicitor of Department of Agriculture 379
report, 1930 379

Page

Sollenberger, Paul, Naval Observ. time service 93
Solomon Creek, power site restoration no. 451 263
Soluble glass, rates on 183
Sombrero Island, chart 833
Some thoughts for the future (public health in Haiti) 256
Somervell, Brehon:
Anacostia Park, etc., rp 586
Washington, D. C., district, rp 587
Somerville, James, jr., fruit juice market 608
Sommers, T. A., grain statistics 4
Sonken-Galamba Corporation:
car-trucks 814
iron 1056
Sorghum:
bacterial streak disease 8
growing and utilizing for forage 377
nutritive value, hegari and yellow milo 83
tissue fluids, freezing-point, etc 595, 764
vitamin-A content, hegari and yellow milo 83
vitamin A in grain rations 861, 945
Sornborger, Charles B., register of Justice Department and courts of U. S 335
Soule, Floyd M., sea water salinity 160, 303
Soulé, Hartley A., flight measurement of spins 992
Soulé, S. B.:
surface water supply—
Hudson Bay and Miss. River basins 810
St. Lawrence River basin 537
Sound:
absorption coefficients 161
absorption measurement 230, 391
Sound motion pictures, *see* Motion pictures.
Sounded areas in north Pacific Ocean 833
Sounding balloons, *see* Balloons.
Sounds (bodies of water):
steamboat inspection rules 1039
see also names of sounds.
Souris River, flood control 672, 788
South (U. S.):
agricultural outlook 371, 372
anthracnose cause of red clover failure 949
ceiling and visibility 90
corn growing 949
crotalaria, new legume 600
drainage districts, economic status, 1926 217
dry goods distribution, Gulf Southwest 607
home gardening 868
insects attacking peach, how to control 1022
legumes for green manure in cotton belt 868
motorways to and through nat. forests 1024
National Home for Disabled Volunteer Soldiers 27
petroleum industry of Gulf Southwest 877
potato production 764
survey of southern pine, etc., regions 949
typhus-Rocky Mt. spotted fever group 750, 1085
South Africa, *see* Africa—British South Africa—Union of South Africa.
South America:
air mail routes 925
air routes, scheduled 438, 566
archæological work in 1929 1070
lights, etc., on coasts 920
pilot, supplements 831, 832, 920
see also American republics—Latin America—*also* certain headings beginning Pan American—*also* names of South American countries.
South Atlantic Ocean, *see* Atlantic Ocean.
South Atlantic States, *see* Atlantic States.
South Bend, Ind., switching charges 50
South Carolina:
census, 1930—
agriculture 1031
population 222, 383, 476, 957, 1031
Federal aid highway system progress map 601
mail routes, schedules 67, 195, 443, 732, 999, 1073
post route map 733
Tax Commission—
executors of Francis Beidler *vs* 448
Graniteville Manufacturing Co. *vs* 1005
South Carolina Agricultural Experiment Station:
fertilizer experiments on Norfolk loam 598
livestock possibilities in Coastal Plain 282
South Chester Tube Co., pipe 321

Page

South Dakota:
census, 1930—
population 383, 1031
unemployment 957
Federal aid highway system progress map 870
gold, silver, copper, and lead 878
grains 288
hailstorm, Sept. 7, 1930 379
land for National Guard 686
lands for park purposes 693
Penitentiary—
misrouting 425
post route map 733
Railroad Commissioners Board—
bricks 707
coal 1054
rice 183
silver service from cruiser Huron 29
South Dakota, U. S. S., *see* Huron, U. S. S.
South Dakota Agricultural Experiment Station 1020
South Dakota Concrete Products Co., pipe 906
South Fork of Kings River, *see* Kings River.
South Georgia Railway, abandonment 899
South Georgia Traffic Bureau:
misrouting 321
phosphates 181
South Haven quadrangle, Mich 167
South Indian Ocean, *see* Indian Ocean.
South Omaha, Nebr., bridges 518, 617, 637, 638, 670, 786
South Pacific Ocean, *see* Pacific Ocean.
South Plains & Santa Fe Ry., bond 899
South River Lumber Co., Inc., lumber 980
South Sea Isles, *see* Oceania.
South Texas Cotton Oil Co 902
South Vernon Oil Co 337
Southampton, England, chart of port 64
Southampton Water, chart 833
Southard, Frances, relief 495
Southard Feed & Milling Co., misrouting 546, 1057
Southdown sheep, *see* Sheep.
Southeast (U. S.), *see* East (U. S.)—South (U. S.).
Southern Agricultural Chemical Corporation 118
Southern Builders Material Co., marble 116
Southern California Box Co 430, 695
Southern Carbon Co., carbon black 174
Southern Coal Co., coal 1054
Southern Cotton Oil Co.:
coal 1054
lard substitutes 816, 904
Southern Dry Dock and Shipbuilding Co., *see* Orange Car & Steel Co.
Southern fever, *see* Texas fever.
Southern Forest Experiment Station 949
Southern Lumber Co., United States *v* 721
Southern Pacific Company:
abandonment 111
acquisition and bonds 47
as lessee—
validate certain conveyance 655
bonds 977
court cases—
G. E. Herron *vs* 930
v. United States 722, 824, 1043
equipment trust, series M 47
extension 813
operation 706
proposed acquisition 542
rates 114
rates on—
automobiles 112
bananas 112
cattle 113, 424
cotton 709
furniture 114
lithopone 1056
lumber 179
pears 906
petroleum liquid asphalt 321
rice 182, 1058
swine 184
tallow 716
tinware 425
Southern Pacific Railroad, construction 172
Southern Paving Construction Co., gravel 904
Southern pine, *see* Pine.
Southern Power Co., *see* Duke Power Co.
Southern Produce Co., bananas 112

Page

Southern Railway:
bonds 112, 899
rates on—
abrasive grains 542
bananas 112
boxes 707
chairs 543
cinders 978
coal 901 (2 entries), 1054
cotton 815
fleshings 710
fuel-oil 979
gasoline 904
logs 904
lumber 179, 546
railroad ties 117
road-rollers 548
shells 548
shingles 425
strawberries 549
swine 184
tomatoes 908
vegetables 818
switching 908
switching charges 184
vs. Jack W. Hussey 930
wharfage charges 818
Southern Roads Co., demurrage 544
Southern Shipyard Corporation 1043
Southern States, *see* South (U. S.).
Southern States, Conference of Supervisors of, *see* Conference of Supervisors of Southern States.
Southern States Lumber Co 712
Southern Surety Co. *v.* United States 695, 824
Southern Traffic Service, lumber 905
Southern Transportation Co 976
Southern Ute Indians, *see* Ute Indians.
Southgate Produce Co., potatoes 321
Southwest, *see* West (U. S.).
Southwest Cotton Co 709
Southwest Experiment Station, Mines Bureau 961
Southwestern Millers' League, wheat 982
Southwick, Emmett W., relief 495
Soviet Socialist Republics, Union of, *see* Union of Soviet Socialist Republics.
Soy-bean:
harvesting in corn belt with combines 1020
photoperiodic response 371, 471
valuable for silage, grown with feed crops 5
Soy Kee & Co., musical instruments 40
Spaghetti, rates on 712
Spain, John O., mortality statistics, 1928 293
Spain:
afield with birds of northern Spain 840
chart of east coast 64
claims, arrangement with U. S 1078
decoration of honor for S. E. W. Kittelle 506
income tax on shipping profits, relief 199
pilot 343
resources, industries, trade, finance 480
sales districts 608
Spalding, George R., Mississippi Valley 588
Spanish America, *see* Latin America.
Spanish-American War, *see* War with Spain, 1898.
Spanish War Veterans, *see* United Spanish War Veterans.
Spark spectra, *see* Spectra.
Sparkill Realty Corporation 448
Sparks, Bryan, relief 22
Sparks, Charles I. (Representative from Kans.):
report made by—
Judiciary Com 643
Sparrow control 1021
Spars, steel, tests under combined loading 459
Spasoff, Mrs. I. Mansfield, construction in D. C 476
Spastic tetraplegia 585
Speaks, John C. (Representative from Ohio):
reports made by—
Military Affairs Com 403, 645–648
Spearmint, as farm crop 152, 1025
Special committees, *see* Committees—*also* names of committees.
Special delivery and special handling of mail 689, 785
Special Inquiry Section, Foreign and Domestic Commerce Bur 877
Special International Niagara Board, *see* International Niagara Board, Special.

Page

Special orders, *see* names of Departments, bureaus, etc., issuing orders.
Special Problems Division, Education Office.. 106
Special publication series, Coast and Geodetic Survey..... 93, 222, 294, 384, 604, 959
Special-request envelopes, requisitions..... 441
Specifications, *see* Government supplies—*also* special subject, e. g. Naval stores.
Spectra:
chromium, arc and spark spectra..... 160, 301
krypton and xenon, interference..... 302, 485
lutecium, regularities in spectra..... 17, 99
rhenium, arc spectrum..... 1038
scandium, yttrium, etc., monoxides..... 881
xenon, regularities in 2d spectrum..... 612, 777
zirconium, structure of spectra..... 99, 232, 391, 486, 880, 1039
Speculation, New York Stock Exchange..... 801
Speedwell quadrangle, Va..... 315
Speelman, S. R.:
breeds of draft horses..... 372
horses and mules fewer than needs..... 5
Speiss, rates on..... 715
Spence, William H., patent appeal..... 611
Spencer, D. A.:
silage for sheep..... 213
wool of long staple most profitable..... 85
Spencer, Frank J., relief..... 781, 799
Spencer, John A., patent appeal..... 159
Spencer, R. R.:
effect of castor-oil soap on organisms..... 202
epidemic simulating food infection..... 364, 850
zone phenomenon in human sera..... 273, 584
Spencer, W. M., Sons Co., pickles..... 49
Spere, Charles J., telemeter strain gauge set..... 459
Spezia, Gulf of, chart..... 729
Sphaceloma development..... 1024
Sphecoid wasps of genus Didineis Wesmael..... 265
Spicer, R. D., *v.* United States..... 337
Spices, standard stock catalogue..... 581
Spider, red, how to control on cotton..... 1022
Spiegel, J. B.:
surface water supply—
Hudson Bay basin..... 810
Mississippi River basins..... 243, 810
Missouri River basin..... 243
Spiegel, May, Stern Co., Inc., furniture..... 903
Spieker, Edmund M.:
bituminous sandstone near Vernal, Utah.. 314, 810
Wasatch Plateau coal field..... 1048
Spight, Henry, relief..... 22
Spikes Brothers, broom-corn..... 1054
Spinal cord:
compression by osteitis..... 256
tumor, interesting..... 436
Spinden, H. J., population of ancient America. 353
Spine, osteoarthritis..... 274
Spins, flight measurement method..... 992
Spinturnix, confused nomenclature..... 584
Spirocheticidal activities of neoarsphenamine.. 75, 364
Spiruroidea, nematode parasitic in poultry..... 863
Spleen, abscess of..... 751
Splenetic fever, *see* Texas fever.
Spokane, Wash., switching charges..... 118
Spokane, Portland & Seattle Ry..... 115
Spondylitis, progressive tuberculous..... 1086
Sponges, publications for sale..... 534
Spooner, George F., peaches..... 714
Sport fishing in Chesapeake Bay..... 1033
Sporting goods, standard stock catalogue..... 135
Spotted fever of the Rocky Mountains:
eastern type, transmission by dog tick..... 1085
identification in the East..... 750, 1010
in Eastern and Southeastern States..... 750, 1085
purchase of Montana laboratory..... 636, 668, 784
report of 4 cases..... 585
Rocky Mountain fever tick..... 585
Spottedhorse, Benjamin, patent for land..... 634
Spottedhorse, Horse, patent for land..... 634
Sprague, William H., United States *v.* 557, 577, 844
Spraying citrus, oil retained by foliage..... 3, 147
Sprengel, M. A., relief..... 507
Spring, eastern U. S., rel. to Manitoba winter.. 153
Spring wheat, *see* Wheat.
Springdale Amusement Park, Ltd..... 1004
Springfield, Ill., address of President Hoover at Lincoln tomb..... 1074

Page

Springfield, Vt.:
Chamber of Commerce—
freight rates..... 545
Springfield Terminal Ry., control..... 173
Springfield Wagon & Trailer Co..... 119
Springs, simplified practice recommendation..... 775
Sproul, W. H. (Representative from Kans.):
reports made by—
Indian Affairs Com..... 500, 794
Mines and Mining Com..... 650
Spruce stands, management in the Northeast.. 375
Squab raising..... 760
Squalls, *see* Storms.
Square Lake quadrangle, Me..... 893
Squire, E. C., Australian canned fruit industry..... 13
Stability of ships and damage control..... 726
Stabilization of employment, *see* Employment and unemployment.
Stable fly, prevent annoyance to livestock..... 1023
Stables:
disinfection..... 597
management, etc., Army extension courses. 458
Stacher, S. F., relief..... 627, 799
Stack, John, airfoil pressure distribution..... 190, 255, 1064
Staehner, F. E., surface irrigation..... 153
Staff, Army extension courses..... 458, 1012, 1088
Staff Corps, General, *see* General Staff Corps.
Stafford Owners, Inc., *v.* United States..... 56
Stagg, Jones P., patent appeal..... 880
Stair, R., ultra-violet solar radiation..... 1038
Staker, Elizabeth, birth, etc., statistics, 1928.. 221
Stakman, E. C.:
barberry and black stem rust..... 287, 764
black stem rust has more than 60 forms..... 88
Staley, A. E., Manufacturing Co.:
corn-starch..... 176
granite..... 545
Stalk-borer, *see* Larger corn stalk-borer.
Stalker, Gale H. (Representative from N. Y.):
reports made by—
District of Columbia Com..... 496–497, 628
Stambaugh, V. G., breaking colts..... 211, 947
Stamey, Electra G., United States *v.*..... 337
Stamey, Grady G., United States *v.* admr..... 337
Stamey, J. Lee, United States *v.*..... 337
Stamped envelopes, *see* Envelopes.
Stamps, *see* Postage-stamps—Revenue stamps.
Stamps Division, Post Office Dept..... 441
Standard atmosphere, approximate equations.. 726
Standard Computing Scale Co..... 1061
Standard Dredging Co., *v.* United States..... 413
Standard Fire Brick Co., freight rates..... 545
Standard Fish & Produce Co..... 805, 987
Standard Life Insurance Co. of America..... 337
Standard Lumber Co., Inc., reconsignment..... 321
Standard Manufacturing Co., doors..... 319
Standard Marine Insurance Co., Ltd..... 930
Standard Nut Margarine Co. of Florida, court cases..... 337, 430, 557
Standard Oil Co. of California, U. S. *v.*..... 252
Standard Oil Co. of Indiana:
petroleum..... 181
v. U. S., etc..... 557, 824, 931
Standard Oil Co. of Kentucky:
gasoline..... 711
lubricating grease..... 115
petroleum..... 714
switching..... 908
Standard Oil Co. of Louisiana:
benzol..... 1053
petroleum..... 906
Standard Oil Co. of New Jersey, court cases.. 188, 337, 1043
Standard Oil Co. of New York, U. S. *v.*..... 188, 337
Standard Rice Co., Inc., rice..... 715
Standard Stock Catalogue Board, *see* Federal Standard Stock Catalogue Board.
Standard Tile & Marble Co., tile..... 118
Standard Trap Rock Corporation..... 448
Standardization:
bibliography..... 777
commercial standards—
commercial standard series..... 17, 160, 231, 301, 302, 390, 484, 485, 881, 964, 965
commercial standards monthly.. 17, 98, 160, 230, 301, 390, 484, 612, 775, 880, 964, 1038
Federal standard stock catalogue..... 1082
standards yearbook, 1931..... 777

Page

Standards, *see* Weights and measures—*also* names of commodities, etc.
Standards Association, *see* American Standards Association.
Standards Bureau 16, 98, 160, 229, 301, 390, 484, 611, 775, 880, 964, 1038
additional land 29
estimate for radio research 742
gravitational work 93
journal of research—
v. 3 964
v. 4 964
v. 4, index, etc 230
v. 5, index, etc 881
v. 6, index 1038
monthly issues 17, 99, 160, 230, 302, 391, 485, 612, 775, 880, 964, 1038
National Hydraulic Laboratory, design 35, 883
publications—
new publications 17, 160, 302, 391, 486, 612, 776, 965
supplementary list, 1925–30 391
report, 1930 302
technical news bulletin 17, 100, 161, 231, 303, 391, 486, 613, 776, 881 966 1039
Standing committees, *see* names of committees.
Standing Rock Reservation, homestead purchase 509, 615–616, 691
Stang, A. H.:
compressive tests of jointed columns 612, 775
dome of Natural History Building 612, 776
stress in welded steel pedestals 230, 486
tests of bases for subway columns 160, 301
welded shelf-angle connections 230, 391
Stange, Charles H., *v.* United States 337, 576
Stange Lumber Co., coal 248
Stanley Securities Co. *v.* United States 123
Stanton, T. R.:
covered-smut infection in oats 210, 288
fall-sown oat production 288
oats in North-Central States 471
oats in Northeastern States 764
Stanton & Jones, relief 796
Staples, E. M., bearing bronzes 99, 230
Staples Oil Co., automobiles 900
Star Can Opener Co., can openers 47
Star City, W. Va., bridge 27, 638, 786, 800
Star Motor Co. of California 237
Star routes:
advertisements 348
instructions relative to service 999
Star-spangled banner to be national anthem 788
Star Warehouse Co 722
Starch, E. A., flaxseed production 288
Starch, imported for some uses 6
Starch trays, rates on 818
Starfish:
South American sea stars 929
Stark County, Ohio:
court of common pleas—
Ohio ex. rel. John C. Popovici *vs* 358
Starns, C. E., hypothyroidism, symptomatology 1011
Stars:
counting, and some conclusions 355
Sumner line of position tables 565
State banks:
consolidation with national banks 933
Federal reserve membership regulations 238
State Belt R. R. of California 337, 449
State boards and departments of health, *see* Health boards and departments.
State colleges, *see* Colleges and universities—*also* names of colleges.
State Department 70, 132, 198, 265, 356, 447, 574, 737, 841, 929, 1002, 1077
appropriations, 1931 and prior years—
estimates 742, 743, 846
appropriations, 1932—
estimates 452, 743
hearings 491, 513
law 788
minority views 491
reports 491, 513, 621
circulars 266, 574
positions, civil service rules amended 444
press releases 71, 133, 199, 267, 357, 448, 575, 738, 843, 929, 1003, 1078
publications, quarterly list 71, 267, 575, 929
register, Jan. 1, 1931 929

Page

State Department—Continued.
telephone directory 448
work, radio address by Secretary of State 1003
see also Foreign service—Stimson, Henry L.
State Docks Commission, freight rates 177
State Investment Co., relief 693
State-Planters Bank & Trust Co 1004
State publications, *see* Government publications.
State universities, *see* Colleges and universities—*also* names of universities.
Statement of public debt of United States, *see* Public debts.
Staten Island Rapid Transit Ry 358
States:
boundaries, areas, etc 313
census, 1930, number of persons 381
curriculum construction practices 972
employment services, activities 57, 123, 189, 253, 340, 432, 559, 723, 826, 916, 989
Federal aid, extract from Treas. rp., 1930 931
feeble-minded, etc., in institutions 1029
financial statistics, 1928 293, 476
health authorities, 1930 364, 583
laws, publications for sale 42, 972
mortality in certain States, 1930, etc 1010
notifiable diseases, 1929 583, 584
plant quarantines, summary 89, 951
post offices, July, 1930 262
prohibition enforcement, cooperation 253
property brought into Fed. service, 1917 29
protection of watersheds, cooperation 1024
publications—
monthly check-list 58, 125, 190, 255, 434, 562, 828, 991
monthly check-list, index, etc., to v. 20 58
ratification of Constitution and amdts 512
right to sue United States 36
school consolidation, etc., aid 891
statistics of school systems, 1927–28 241
taxation of national banks—
hearings 623
reports 661
see also names of States.
Statesville Chair Co., chairs 543
Static electricity, causes cotton-gin fires 5
Stationers Corporation, filing cabinets 114
Stationery, specifications, etc 137, 362, 582, 748, 1009
Stations, *see* Freight stations.
Statistical abstract of U. S., 1930 297
Statistical bulletins, *see* names of Departments, bureaus, etc., issuing bulletins—*also* subjects.
Statistical Division, Education Office 165, 1048
Statistical Research Division, Foreign and Domestic Commerce Bur 157, 297, 876
Statistical Section, Income Tax Unit 455, 850
Statistics, *see* subject on which statistics are wanted.
Statistics Bureau, I. C. C 44, 45, 108, 109, 168, 169, 245, 246, 316, 317, 422, 423, 538, 539, 540, 702, 703, 811, 812, 895, 896, 975, 1050, 1051.
Staton, Birien H., relief 781, 799
Staton, John C., relief of widow 781, 799
Statuary, standard stock catalogue 744
Statues, *see* name of person in whose honor statue is erected.
Statutes, *see* Laws.
Stauber, B. R., farm real estate situation 282
Staude, Edwin G., patent appeal 300
Staun, Walter E., patent appeal 300
Staunton River, bridge in Virginia 519, 641, 788
Steam:
thermal properties of saturated steam 99, 231
Steam boilers, *see* Boilers.
Steamboat Inspection Service 16, 100, 161, 232, 303, 391, 486, 613, 777, 881, 966, 1039
bulletin 17, 100, 161, 232, 303, 391, 486, 613, 777, 966, 1039
report, 1930 391
rules and regulations 17, 1039
supplement 881
Steamboats:
mail contracts, advertisement 349
mail for foreign countries 67, 129, 195, 262, 350, 442, 569, 732, 836, 925, 999, 1073
see also Steamboat Inspection Service.
Steamer Bay, chart 1033
Stearic acid, rates on 548

Page

Stearns, Harold T:
McKenzie River, water-power resources 810
Umpqua River, water-power resources 107
Steck, Daniel F. (Senator from Iowa):
reports made by—
Military Affairs Com 409, 524, 683, 802
Steck, John M., exr., *v.* comnr. of internal rev 718
Steed, W. L., steamship, *see* W. L. Steed, steamship.
Steedman, Elsie V., ethnobotany of Thompson Indians 197, 198, 355
Steel:
carbon determination 230, 390
castings, deoxidation and mold effect 99, 231
classification for export 480
columns, compressive strength 612, 775
deoxidation with silicon 609
flow at elevated temperatures 17, 98
industry—
Belgian-Luxemburg steel industry 386
Czechoslovak industry 96
skin temperatures of steel workers 76
joists, open web steel 775
machinability with shallow lathe cuts 1038
overreduced condition in molten steel 302, 486
production in 1929 227
rates on—
steel 184, 321, 548, 818, 907
steel articles 320, 321, 981
steel bars 715
resistance to abrasion by sand 160, 303
stress in welded steel pedestals 230, 486
tensile properties of alloy steels 612, 776
Steel Products Engineering Co 337, 695
Steele, George W., jr., relief 507
Steele, Glenn:
cost of family relief in 100 cities 917, 990
social statistics, Children's Bur 254, 341
Steele, Leslie J., memorial services 613
Steer, Henry B., stumpage and log prices, 1928 763
Steers, wintering in Great Plains 85
Steffan, Jacob P., reappraisement 308
Steger quadrangle, Ill 314
Steiner, G.:
control of nemas through crop rotation 88
nemic fauna of slime flux of poplar 209, 288
Neodiplogaster pinicola, nema on pine 3, 152
Steiniger, Elise, relief 19
Steiwer, Frederick (Senator from Oreg.):
reports made by—
Claims Com 36, 516
Indian Affairs Com 522–523, 680
Judiciary Com 409, 523, 681–682
Stelle, C. W., food poisoning on U. S. S. Stewart 256
Steloff, Jacob S., relief 22
Stem rust:
and common barberry 287, 764
cereal black stem rust, forms 88
spreads from barberries to wheat, etc 210, 376
Stephens, G. C., *v.* United States 338
Stephens, Hubert D. (Senator from Miss.):
reports made by—
Claims Com 514–515, 662, 665, 798–799
Commerce Com 800
Judiciary Com 682
Stephens, J. L., monantha vetch 471
Stephens, John, United States *v.* 430
Stephens-Adamson Manufacturing Co 824
Stephens & Co. *v.* United States 337, 338
Stephenson, Harry W., to reappoint as major 649
Sterilization of hands, instruments, etc 1086
Sterling, E. Blanche:
college course in child hygiene 202, 455
hearing of school children 75
stillbirth problem in U. S 584, 1010
Sterlington, La., bridge 401, 488, 518
Stern Brothers & Co 987
Sternfeld, Bertha H., relief 511
Steuben, General von, commemorative stamp 262, 442

Stevedores, *see* Longshoremen.
Stevens, F. W., gaseous explosive reactions 725, 1064
Stevens, Neil E.:
spread of cranberry false blossom 471
strawberry diseases 89
strawberry dwarf 1025
Stevenson, F. J., genetic characters in wheat 3, 148
Stevenson, Ina, canned sauerkraut 3, 83
Steward, F. G., *v.* United States 337

Page

Stewards, Navy training courses 343
Stewart, Annabel M., seamen with venereal disease 76
Stewart, C. E., admr., *v.* comnr. of internal rev 336
Stewart, Estelle M., personnel research agencies 57
Stewart, Ethelbert:
bituminous coal industry, overdevelopment 724, 826
boot and shoe industry, employment 560
coal-mine labor productivity 432, 826
value of production, wages, etc., 1849–1929 432
see also Labor Statistics Bureau.
Stewart, George, inheritance in wheat cross 861, 946
Stewart, James & Co., Inc., *v.* United States 307, 532, 824
Stewart, John D., relief 516, 627
Stewart, Mellie E., exrx., court case 553
Stewart, N. E., skull fractures in epileptics 937
Stewart, Wessal, United States *v.* 1044
Stewart, Willard C., rain at Mt. Vernon, Iowa 473
Stewart, William A. W., court case 987
Stewart, William M., *v.* United States 307
Stewart, U. S. S.:
food poisoning outbreak on board 256
Stickers, Christmas, on mail matter 347
Stickney, Henry L.:
contact problems in veterans' hospitals 853
social work in veterans' hospitals 585
Stiebeling, Hazel K. (Stiebling incorrect):
diets for families with limited incomes 867
emergency low-cost food supply 763
family's food at low cost 470, 867
Stienbarger, Mabel C., rabbit recipes 88
Stilaguamish River, navigation, etc 753
Stiles, C. W.:
Ctenocephalides, new genus of fleas 138
decrease of hookworm disease 139, 364
key catalogue of parasites 584
Stiles, George W., jr., anaplasmosis in cattle 596
Stiles, William T., relief 495
Stillbirth:
problem in United States 584, 1010
statistics for registration area 154, 221
Stillwater County, Mont., geology, etc 166, 810
Stillwell Bros., Inc., relief 495, 516
Stilz, Harry B., *v.* United States 988
Stimson, H. F., saturated water and steam 99, 231
Stimson, Henry L.:
United States and other Amer. republics 738
work of State Department 1003
see also State Department.
Stirling, M. W.:
archeological reconnaissance 840
mounds of vanished Calusa Indians 840
see also Ethnology Bureau.
Stirniman, E. J., handling grain 862
Stitches, etc., Federal specification 73
Stock, *see* Cattle.
Stock Catalogue Board, *see* Federal Standard Stock Catalogue Board.
Stock certificates, Federal reserve banks 41
Stock ranges, resources of Utah 287
Stock-yards, *see* Stockyards.
Stockberger, W. W.:
drug plants under cultivation 288
ginseng culture 950
Stockholm, Sweden:
International Geodetic and Geophysical Union meeting 290
Stockholm quadrangle, Me 893
Stocks:
Federal reserve banks, capital stock 41
railroad, regulation of ownership 794
see also Securities—*also* names of companies, railroads, etc., issuing stock.
Stockstad, O. L., soil survey 150
Stockton, M., barreled apples for market 282
Stockyards, regulations for owners 209
Stoddard, B. H.:
asbestos in 1929 387
barite and barium products, 1929 481
mica in 1929 1036
talc and soapstone in 1929 388
Stoddard, William M., relief 649
Stokes, John H.:
bismuth in treatment of syphilis 937, 1086
cutaneous, etc., relapse in syphilis 852, 1011
Stokes-Adams's syndrome with heart block 1066

Page
Stomach:
carcinoma simulating typhoid fever 140
foreign bodies in gastrointestinal tract 585
gastro-jejuno-colic fistula 366
sarcoma of stomach 76
simple method of gastric analysis 829
Stomatitis, vesicular, of horses and cattle 372
Stone, James C., Farm Board, its policies, etc. 806
Stone, Sam, alias, *see* Hill, Sam.
Stone:
crushed-stone production, economics 609
Federal standard stock catalogue 847
packaging of dental artificial stone 965
production in 1929 481
rates on—
artificial stone 322, 715
stone 183, 184, 548, 907, 981, 1058
specifications, etc 849
Stonega Coke & Coal Co., coal 175
Stones (precious):
Federal standard stock catalogue 744
Stoney, John T., patent appeal 229
Stony-Chakachamna region, Alaska 537
Stoppage of goods in transit:
Hawley Pulp & Paper Co 548
Lewis Feed & Egg Association 715
Storaasli, Gynther, *vs.* Minnesota 931
Storage:
charges at Atlantic and Gulf ports 1059
notes for Fed. standard stock catalogue 452
of—
apples, diseases in storage 287
grains, farm bulk storage 218
peppers, conditions affecting 147, 217
potatoes 377
rubber, etc., under water, change 160, 303
sweet potatoes 217, 1026
vegetables, home storage 217
see also Cold-storage.
Storage batteries:
Army technical regulations 1087
Coast Guard communication plants 362
Federal standard stock catalogue 269
operation, care, and repair (2 entries) 564
Store, department, psittacosis in 364
Storey, C. F., local anesthesia in appendectomy 829
Storie, R. Earl, soil of Clear Lake area, Calif. 1021
Stories, *see* Children's literature.
Storm-warning lanterns 952
Storms, Frank, relief 22
Storms:
cyclones—
cyclonic storms 63, 126, 192, 995
tropical cyclones of north Pacific 1068
hailstorms—
South Dakota and Iowa, Sept. 7, 1930 379
hurricanes—
in vicinity of Porto Rico 291
north Atlantic, Oct. 13–29, 1926 192
Santo Domingo, Sept. 1–5, 1930 379
line-squalls 126
loans to farmers, *see* Agricultural credit.
sandstorms in Texas 870
snowstorm at Chicago, Mar. 1930 10
squall lines in New Mexico 473
storm tracks 63, 127, 192, 258, 259, 729, 833
thunderstorms—
in south Pacific Ocean 291
top knots 291
tornadoes—
at Grand Rapids, Mich., May 2, 1930 90
at Vernon, Calif., Mar. 15, 1930 290
behavior and effects 90
in Michigan, May, 1930 90
seeing inside of tornado 90
typhoons—
and depressions 90
over Far East, July, 1930 291
warnings, radio aids to navigation 257
see also Winds.
Story, Arthur D., assignee, relief 22
Story, Isabelle F., glimpses of our national parks 244
Story, Jacob, relief of assignee 22
Story Parchment Co 844
Stoval quadrangle, Ariz 167
Stoves:
Federal standard stock catalogue 1081
rates on 184, 548, 716
see also Cooking appliances.
Stowage precautions, standard stock catalogue 452
Strahorn, A. T., soil, Salt River Valley, Ariz. 864
Straight, Willard, United States *vs.* exrx 72
Straits, *see* names of straits.
Stranahan, Frank D., *v.* comnr. of internal rev. 722
Stransky, J. A., Manufacturing Co 698
Stratton, Anna E., relief 686, 781
Straughn, Hugh, *v.* United States 39, 722, 805
Strauss, F., & Son, Inc., watermelons 119
Strauss, Irene, relief 627, 781
Strauss, Levi, Realty Co. *v.* United States 188
Straw, rates on 549
Straw hats, *see* Hats.
Strawberry:
culture in eastern United States 950
diseases 89
everbearing strawberries 217
growth and development 147, 217
rates on strawberries 50, 425, 549, 716, 907
varieties in United States 764
Strawberry dwarf, field observations 1025
Strawboard, rates on 184
Stream pollution, *see* Water pollution.
Streams, *see* Rivers.
Street-railroads:
fares for school children in D. C.—
hearing 408
law 783
reports 408, 620
operation at crossings in Canal Zone 639
Streeter, H. W., water purification studies 75
(2 entries), 273, 456, 851
Streets:
closing streets in Reno section of D. C. 25
from D. C. Union Station Plaza, name 620, 790
paving assessments in D. C.—
hearings 520
law 783
reports 497, 520
useless, etc., D. C. comnrs. to close 497, 520
see also names of streets.
Strehlow, Robert R., relief 22
Streiff, A.:
flow of Dnieper River 870
stream-flow prediction 952
Strength of materials:
flat plates under edge compression 562, 1064
masonry of hollow units 964
woods grown in United States 216
Strength of welded connections 230, 391
Streptococcus:
biologic products in scarlet fever 139, 365
scarlet fever toxin formalinized 851, 1085
Stress in welded steel pedestals 230, 486
Stricture:
esophageal 937
of rectum 852
Strieter, O. G., accelerated tests of asphalts 99, 229
Strike, W. W.:
soil surveys—
Montgomery County, Ala 86
Wadena County, Minn 761
Strikes and lockouts:
in United States—
1916–30 1062
July, 1930 190
September, 1930 433
injunctions in labor disputes 796
publications for sale by supt. of docs 699
see also Conciliation (industrial).
Strip coal mining 609
correction of author's initial 756
Stripe diseases of sugarcane in La 147, 148
Stromberg, Yetta, *vs.* people of California 845, 1005
Stromberg-Carlson Telephone Mfg. Co 163, 309, 533
Strother, D. H., rolling and yawing moments 1064
Stroud, J. F., soil of Montgomery Co., Ala 86
Stroud, Louis J., relief 665, 781
Structural basis of mind 1086
Struthers, Ohio, viaduct 636
Struts, *see* Airfoils.
Stuart, L. S., salt, effect on alfalfa hay 1021

Page

Stuart, M. A., tuberculosis 256, 829
Stuart, Robert Y., timber growing practices 286
see also Forest Service.
Stuart, Wilbur F., court case 969, 1047
Stuart, William:
how to grow acre of potatoes 868
potato production in the South 764
potato production in Western States 289
potato storage and storage houses 377
Stubbs, Gail W., United States *v.* exr 338
Stubbs, Harold S., relief 20
Stubbs, Robert C., patent appeal 1037
Stuber, William G., seasonal unemployment 767
Study courses, construction, State practices 972
Stumberg, George W., law, etc., of France 991
Stumpage prices, calendar year 1928 763
Sturgeon Bay:
canal and harbor of refuge 591
Sturgeon Bay and Lake Michigan Ship Canal 591
Sturgess, Ida B., *v.* Secretary of War, etc 916, 989
Stylogaster Macquart, flies of genus 265
Subarachnoid lavage use in meningitis 585
Subject headings:
Library of Congress, additions, etc 58, 341, 561, 1063
Library of Congress, supplement 990
Submarine boats, diet improvement for crews 256
see also names of boats.
Submarine cables, *see* Cables (submarine).
Submarine lung training 1066
Submarine mining, training manual 458
Subnormal children, *see* Children.
Subpœnas, witnesses by internat. tribunals 26
Subsidies:
education, digest of legislation 106
postal contracts and shipping subsidy 35
digest of comments in Cong. record 1040
Suburbanites, *see* Country life.
Subway columns, tests of bases 160, 301
Suction of vessels, model experiments 345, 566
Sudan grass 289
Suffrage, *see* Woman suffrage.
Sugar:
differential between raw and refined 404, 931
drawback on sugars, regulations 362
la Estación Experimental de la Industria Azucarera de Java 260
oxidation of sugars 1038
rates on 118, 250, 716
statistics 4
titrating aldose sugars 302, 486
see also Maple sugar.
Sugar-beets:
culture in humid area of U. S 289
growing under irrigation, Utah-Idaho area 764
seed production 764
transplanting in Utah and Idaho 600
Sugar-cane:
bacterial stripe diseases, La 147, 148
el dominio del mosaico de la caña de azúcar en el campo cubano 260
stem epidermis study 465, 600
variety tests in La. during 1928–29 868
vitamins in juice and juice products 371, 373
Sugar Institute, Inc., United States *v.* 915
Sugar Land Ry.:
freight rates 1001
v. United States 56, 888
Sugarland Industries, James W. Bass *v.* 915
Sugg, J. D., exr. *v.* George C. Hopkins 338
Suisun Bay, chart 1033
Suits, *see* Clothing.
Suits at law, *see* Actions at law.
Sullivan, Anna:
fruit and vegetable statistics 4
grain statistics 4
Sullivan, John D.:
agglomeration, etc., of slimes 388
chemistry of leaching bornite 609
chemistry of leaching covellite 387
entry of solutions into ores during leaching 961
Sullivan, M. X.:
cysteine in presence of glutathione 750, 936
cystine absorption rate 750
cystine content of meat and fish 1011
cystine content of purified proteins 139
dithioethylamine in diet of white rat 1010

Page

Sullivan, Max G., relief of dependents 508
Sullys Hill National Game Preserve, land 693, 788
Sullys Hill National Park, jurisdiction 693, 788
Sulphate-containing soil, microflora 757, 758
Sulphide-acid precipitation 772
Sulphur:
biochemistry 139, 750 (2 entries), 936, 1010, 1011
production in 1929 388
rates on 981
vitamin content of prunes, etc., effect 595, 758
Sulphur River, bridge in Arkansas 29
Sulphuric acid:
adsorption by leather 302, 485
rates on 118, 184, 818, 907
volatile acids in solutions 485, 776
Sulphydril, action on oxygen consumption of cells 851
Sulu Archipelago:
chart 223
coast pilot 12, 769
Sulzberger, Nathan, patent appeal 963
Summerville, Wayne L., ignition sparks 342, 1064
Summit, The, chart 605
Sumner line of position 565
Sumner Strait, chart 1032
Sumter & Choctaw Ry., rates on logs 816
Sumter, Fort, tablet to memory of garrison 29
Sumter Packing Co., canned food 901
Sun:
ephemeris, 1931 418
filters for reproduction of sunlight 775
mountain pine beetle, solar heat control 86
solar radiation on horizontal surfaces 952
studying the sun 839
sunrise tables, Panama (Balboa), 1931 440
total eclipse, Aug. 31, 1932 1069
weather dominated by solar changes 736
see also Ultra-violet rays.
Sun Oil Co., patent appeal 229
Sun Shipbuilding & Dry Dock Co.:
relief 516, 627
v. United States 805, 825, 988
Sun-suits for children 7
Sunbury Converting Works, hydrogen peroxid 178
Sunday closing of barber shops in D. C.:
hearings 519, 792
report 628, 673
Sunday Creek R. R., abandonment 47
Sunderland Brothers Co.:
coal 176
marble 712
misrouting 547
Sunflower & Eastern Ry., abandonment 423
Sunlight, *see* Sun.
Sunny Brook Distillery Co 722, 969
Sunnyvale, Calif.:
lighter-than-air base for Navy—
estimate 744
law 617
reports 403, 687
Sunset Lumber & Hardware Co 980
Superchargers, *see* Engines.
Superintendent of Documents, *see* Documents Office.
Superior, Wis., marine commerce, rp 854
Superior, Lake, charts 368, 941 (2 entries)
Superior National Forest, protection of lands 29
Supervising Architect, *see* Architect, Supervising.
Supervisors of caretakers in charge of vegetable, etc., shipments 1058
Supervisors of Southern States, Conference of, *see* Conference of Supervisors of Southern States.
Supplemental appropriations and estimates, *see* Appropriations.
Supplies, *see* Army supplies—Government supplies—Medical supplies—Military supplies—Naval supplies—Oil-well supplies—Postal supplies—*also* names of Departments, bureaus, etc.—*also* special subject.
Supplies and Accounts Bureau, Navy Dept 64, 127, 193, 259, 346, 439, 567, 730, 922, 995, 1070.
manual, changes 127, 730
memoranda 1070

Page

Supplies and Accounts Bureau—Contd.
memoranda for information of officers 64, 127, 193, 259, 439, 567, 730, 922, 1070
index to v. 15 1070
report, 1930 439, 567, 828, 829
Supplies Division, Labor Dept., *see* Publications and Supplies Division, Labor Dept.
Supply Committee, *see* General Supply Committee.
Supply Corps, Navy:
memoranda for officers 64, 127, 193, 259, 439, 567, 730, 922, 1070
index to v. 15 1070
Supply Department of The Panama Canal, *see* Panama Canal (zone).
Supreme Court of District of Columbia:
additional justices 24
packers' consent decree decision 796
see also names of parties to suits.
Supreme Court of United States 71, 134, 199, 268, 357, 448, 576, 738, 844, 930, 1003, 1078
building—
continuation of construction 30
cases adjudged—
1926, Oct. term (separates) 1079
1929, Oct. term (official reports) 134
1929, Oct. term (separates) 72, 200, 358, 359, 448
1929, Oct. term (United States reports) 72, 448
1930, Oct. term (official reports) 577, 739, 844, 845, 1006, 1079
1930, Oct. term (separates) 448, 449, 576, 844, 930, 931, 1004, 1005, 1006, 1079
abstract of decisions, Ct. of Cls. cases 162, 305, 887
cases pending, title-page and index 199
copyright law, rules for practice, etc 342
decisions, *see*, above, cases adjudged.
journal 268, 357, 448, 576, 738, 844, 930, 1003, 1078
opinions, *see*, above, cases adjudged.
see also for cases printed by Justice Department, names of parties to suits.
Surber, A. C., jr., dermatitis exfoliativa 829
Sureties, *see* Bonds of officers.
Surface water supply, *see* Water-supply.
Surfaces:
reflectivity 219
total solar radiation received 952
Surgeon General, Army, *see* Medical Department, Army.
Surgeon General, Navy, *see* Medicine and Surgery Bureau.
Surgeon General, Public Health Service, *see* Public Health Service.
Surgery, neuropsychiatry in practice 1011
see also Dentistry—*also* names of organs, regions of the body, etc.—*also* names of special operations and diseases.
Surgical apparatus, stock catalogue 932
Surinam:
chart of Surinam (Dutch Guiana) 920
parcel post convention between U. S. and Dutch Guiana 349
Surplus Trading Co 358
Suruga Wan, chart 438
Survey of current business 13, 95, 157, 224, 296, 385, 479, 607, 771, 876, 960, 1034
supplement 13, 95, 157, 224, 296, 385, 479, 607, 771, 876, 960, 1034
Surveying:
Army technical regulations 938
Army training regulations 938
first-order leveling—
article on 477
in Alaska 222
in New Jersey 604
leveling by Geological Survey, 1927–29 93
public lands, instructions, supplement 418
public lands, manual of instructions 810
publications for sale by supt. of docs 105
traverse by Geological Survey, 1927–29 93
triangulation—
adjustment in Alaska on N. Amer. datum 93
by Geological Survey, 1927–29 93
in Hawaii 93
Surveying instruments, specifications, etc 747
see also names of instruments.

Page

Surveys, *see* Surveying—*also* names of counties, etc.
Susaki Ko, chart 1069
Suspensions, *see* Civil service.
Susquehanna Power Co 931
Susquehanna River & Western R. R 542
Sussex County, Del., lighthouse reservation 636, 667
Sussex County Fuel Club, coal 175
Sussex Trust Co., to pay 489
Sutherland, Dan A. (Delegate from Alaska):
report made by—
Territories Com 510
Sutton, D. G., psychogenic amblyopia 1066
Sutton, Thomas F., relief 686, 781
Sutton, Willis A., schools, construction 872
Swain, Joseph G., patent appeal 774
Swales, Bradshaw H., birds of Haiti, etc 928
Swan, John W., patent appeal 229
Swanberg, Lester, relief 665
Swanger, William H.:
properties of pure nickel 391, 485
refractories for use at high temperature 1038
Swansea Bay, chart 995
Swanson, C. A., psychogenic amblyopia 1066
Swanson, Claude A. (Senator from Va.):
paper presented by—
correspondence of Washington and Comte de Grasse 883
reports made by—
Foreign Relations Com 801
Library Com 682
Naval Affairs Com 410
Public Buildings and Grounds Com 690
Swanson, E. B., fuel oil distribution, 1929 297
Swanton, John R., Indian language studies 840
Swartz, J. H., resistivity of oil-bearing beds 298
Sweden, arbitration of claims 743, 842
Swedish expedition to Gulf Stream 473
Sweeney, Edward, promotion 527, 615
Sweeney, O. R., insulating board from cornstalks 390
Sweet, A. T.:
soil surveys—
Arkansas Valley 863
Deming area, N. Mex 864
Sweet, C. V., American lumber standards 866
Sweet, William S., & Son, Inc., beans 173
Sweet-clover, *see* Clover.
Sweet corn, *see* Corn.
Sweet potatoes:
effects of chilling temperatures 1026
food value and vitamin content 86
publications of Agric. Dept 152, 217, 1026
rates on 818, 907
storage 217, 1026
storage in heated tobacco barns 152
Sweetclover, *see* Clover.
Sweetgrass arch, Montana, possibilities of oil and gas 106
Sweetman, L. R., dome of Natural History Bldg 612, 776
Sweetman, Marion D., color of potato chips 209, 281
Sweetser, Percy N., coal 544
Swenson, Christina, case of executor 825
Swenson, G. A., soil of Wadena Co., Minn 761
Swick, Clarence H.:
gravity and isostasy 93
world longitude determinations 604
Swick, J. Howard (Representative from Pa.):
report made by—
World War Veterans Legislation Com 658
Swift, A. H., chemical industry of Portugal 1034
Swift & Co.:
butter 1054
cattle 48
meat 180
poultry 49, 714
United States *v.* 123, 430, 557
Swimming pools, *see* Bathing pools.
Swine:
calcium retention of growing pigs 861, 945
castration of hogs 211
diseases, ailments, abnormal conditions 283
litters, rel. of size to age of dam, etc 210, 282
potassium iodide in feeding 3, 4, 83
rates on 184, 1058
removing fat samples from live hogs 595, 758
statistics of hogs 84

Swine—Continued. Page
tuberculosis of hogs 467
weight affects market pork cuts 5
see also headings beginning Hog—*also*, for swine in connection with other animals, *see* Cattle.
Swing, Philip D. (Representative from Calif.):
reports made by—
Irrigation and Reclamation Com 642
Public Lands Com 509–510, 655
Swingle, Millard C., Japanese beetle 147, 150
Swingle, Walter T.:
Chinese accessions in Library of Cong 561
citrus plants, quarantine safeguard 377
Swinson, Carl R., marketing apples 862
Swiss franc, new conversion table 348
Switching:
Blanchard Lumber Co 184, 907
McConville Coal Co 908
Standard Oil Co. of Kentucky 908
Switching charges:
at—
Atchison, Kans 50
De Kalb, Ill 118
Fort Wayne, Ind 908
Leavenworth, Kans 118
Louisville, Nebr 50
St. Paul, Minn 425
Seattle, etc., Wash., and Portland, Oreg 118
South Bend, Ind 50
Wichita, Kans 818
between industries in Chicago district 1058
cases—
Burns, Robert, Lumber Co 322
California Pine Box Distributors 1058
Globe Grain & Milling Co 981
Grand Trunk Western R. R 1058
Houston Belt & Terminal Ry 425
Middle West Coal Co., Inc 118
Miller, J. W., Co 908
North Shore Material Co 981
Savannah Creosoting Co 184
Sioux City Grain Exchange 982
Warrior River Terminal Co 250
Switzerland:
agricultural survey 148
National Bank—
report, calendar year 1930 970
petroleum market 386
Swope, Gerard, employee security, safeguards 767
Swords, customs appeal 696
Sycamore Bridge Co., bridge 519, 619
Sydenstricker, Edgar:
age incidence, communicable diseases 584, 935
influenza and pneumonia mortality 203, 583
influenza incidence, economic status 584, 935
physical impairments 139, 364
Sykes, Richard, court cases of exrs 338, 430, 722
Symonds, Ralph F., patent appeal 98
Synoptic charts, weather broadcasting stations 63, 127, 192, 258, 259, 729, 833
Synthetic phenolic resin, Tariff Comn. rp 739, 931
Syphilis:
and Wassermann reaction in obstetrics 76, 274
anhematopoiesis following treatment 436
arsenical treatment (2 entries) 61
bismuth treatment 937, 1086
brain syphilis, vascular type 274
can congenital syphilis be prevented? 76, 139, 141
coincident with carcinoma, etc 203
congenital syphilis, abstracts 456
cutaneous and mucosal relapse, etc 852, 1011
endarteritis, tetraplegia from 585
experimental, lymph gland transfer 273
experimental, use of Kahn test 76, 203
Negro population, Pitt County, N. C 365, 584
neurosyphilis—
malaria treatment 585
treatment 140
tryparsamide therapy for Negroes 937
of aorta and lung with atelectasis 1011
correction of entry 1018
problem on cruising ship 61
public health aspects 1011
pulmonary tuberculosis complicated by 853
sodium thiosulphate in treatment 61
undiagnosticated, in psychotic patients 1011
Syracuse, N. Y., census of distribution 476
Syringes, standard stock catalogue 746
Syrups: Page
drawback on sirups, regulations 362
Federal standard stock catalogue 453
fruit, market in Pacific countries 13
fruit, market in United Kingdom 608
rates on 322
see also Maple sirup.
Szechuan, China, explorations of D. C. Graham 840

T

Ta Chen, *see* Chen, Ta.
Taba Bay, chart 12
Tablets, *see* names of persons in whose honor tablets are placed, or names of places where erected.
Tableware, standard stock catalogue 1081
Tachina-flies, revision 447
Tacks, rates on 818
Tacoma, Wash.:
chart of harbor 385
switching charges 118
Tadarida genus, American bats 1002
Taft, Clara E.:
meningococci studies, classification, etc 936
type distribution of meningococci 139
Taft, Helen H., to grant franking privilege 22
Taft, William H., memorial at Manila, P. I 32, 619
Taft Woolen Co. *v.* United States 429
Taggart Brothers Co., Inc., paper 116
Tago Ko, chart 438
Tags, C. O. D., must be legibly completed 442
Tail of PW-9 airplane, pressure distribution 563, 1065
Tailings, Mother Lode carbonaceous slime 298
Tailor-Made Shoe System 699
Tait, James, comnr. of internal revenue *v* 428
Tait, Samuel F., relief 22
Takatz Bay, chart 295
Takisch, J. R., *see* Iakisch, J. R.
Talbert, E. J., warning agents for gases 387
Talbert, J. T., *v.* United States 237, 338, 430, 532
Talc in 1929 388
Talking pictures, *see* Motion pictures.
Tallahatchie River, dam 503, 788, 800
Tallmadge, Howard E., relief 508
Tallow, rates on 716, 982
Tampa, Fla., charts 385, 941
Tampa Bay, chart 385
Tampa Northern R. R., abandonment 318
Tampen, Norwegian steamer:
claim of Norway 498
Tampico, Mexico, aviation charts 61, 62
Tangipahoa River, navigation, etc., rp 78
Tankage, garbage, rates on 545
Tanks, rates on 184, 716, 908
Tanner, Lydia, T. J. Moss Tie Co., etc., *v* 823
Tannin-extract industry and chestnut blight 88
Tanning and tanning materials:
home tanning of leather and small skins 373
rates on tanning extract 250, 716
Tantalum in 1929 387
Taos Pueblo, guardian *v.* Howry Wooten 56
Tapestry, customs appeal 163
Tapeworms in adult sheep 757, 862
Tapioca, standard stock catalogue 1083
Tapke, V. F., covered-smut infection in oats 210, 288
Tar:
rates on 182, 908, 1058
specifications, etc 849
standard stock catalogue 847
see also Coal-tar—Naval stores.
Target practice, coast artillery training regulations 204
Target ranges, lands at Fort Ethan Allen 644, 683, 782
Targets and accessories, Army regulations 457
Tariff:
act of 1930, yea-and-nay votes in Senate 35
acts of 1913, 1922, and 1930 compared 233, 658
cases adjudged in Court of Customs and Patent Appeals 102
decisions under customs laws—
Jan.–June, 1930 360
Jan.–June, 1930, index 201
July–Dec. 1930 932
July–Dec. 1930, index 846
weekly 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
foreign and domestic rates 883
foreign tariffs and trade control 877

Tariff—Continued. Page
information, passengers from overseas 933
most-favored-nation agreements with—
Egypt 199
Rumania 266
publications for sale by supt. of docs 241
regulations, American Samoa 473
rules relating to customs cases 934
tariff information series 268
see also Drawback—*also* names of articles imported.
Tariff Commission 72, 268, 360, 449, 577, 739, 845, 931, 1006, 1080
confirmation of members, hearings 408
investigations, list of applications 72
laws relating to 360, 1080
minutes of meeting, Jan. 1927–Dec. 1930 845
notices 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
report, 1930 449
reports on—
anthracite industry, Soviet Russia 796, 931
cigar-wrapper tobacco 1080
crude petroleum 739, 845
gelatin 1080
hats 739, 1006, 1080
maple sugar and maple sirup 739, 1006
marine products landed by aliens, etc 577, 1080
pigskin leather 739, 1006
raw and refined sugar differential 404, 931
smokers' articles 1080
synthetic phenolic resin 739, 931
ultra marine blue 739, 1006
wire cloth 1080
wood flour 739, 1007
wool floor coverings 739, 1006
woven-wire fencing 739, 1006
rules of practice and procedure 268, 360, 1080
valuation analysis, field work 1006
Tariff Commission, Select Committee on Investigation of, Senate:
hearings during 1926 and 1927 408
Tariffs Section, I. C. C 422
Tasmania, chart 345
Tattooing of Thompson Indians, British Columbia 197, 355
Taub, Hummel & Schnall, Inc., lace 308
Taube, Carl, Ruric C. Roark, etc., *vs* 150
Taunton River, navigation, etc., rp 78
Tausig & Pilcer, leather 237
Tawitawi Island, charts 223, 770
Tax Appeals Board 72, 134, 200, 268, 360, 449, 577, 739, 845, 931, 1007, 1080
reports—
v. 15 200
v. 16 449
v. 17 449
v. 17, index 200
v. 18 577
v. 18, index 449
v. 19 1007
v. 19, index 931
v. 20, index 1080
in pamphlet form 72, 134, 200, 268, 360, 449, 577, 739, 845, 931, 1007, 1080
rules of practice 577
Tax collector of District of Columbia:
report, 1930 413
Tax Commission of Maryland, Susquehanna Power Co. *vs* 931
Tax Commission of South Carolina, exrs. of Francis Beidler *vs* 448
Taxation:
exemption of Treasury bills 29
New York Stock Exchange taxes, 1919–30 450
publications for sale by supt. of docs 241
see also Estate tax—Income tax—Internal revenue—Tariff—*also* names of objects, etc., subject to tax.
Taxation Joint Committee, *see* Internal Revenue Taxation Joint Committee.
Taxes, *see* Taxation, and references.
Taxicabs, financial responsibility in D. C 31
Taximeters, rates on 50
Tay River, chart 922
Taylor, Arthur W., relief 615, 686
Taylor, D. W., suction of vessels 345, 566
Taylor, Earle C., French chemical industry 224
Taylor, Lauriston S.: Page
absorption measurements of X ray 160, 303
apparatus for high voltage measurement 160, 303
ionization chamber, improved form 160, 302
ionization chamber diaphragm 612, 777
null measurement of electric charges 964
Taylor, Myron C., spreading work to avoid lay-offs 767
Taylor, P. I.:
Arrowrock Dam 420
Elephant Butte Dam 421
Pathfinder Dam 421
Roosevelt Dam 421
Shoshone Dam 421
Taylor, S. V., bridge 400, 487
Taylor, Thomas D., *v.* comnr. of internal rev 825
Taylor, W. F., United States *v* 557
Taylor, Walter P., mammalian life histories 211
Taylor, Camp, resell undisposed of portion 506, 788
Taylor-Lockwood Co 188, 413, 888
Taylor Oil & Gas Co 338, 988
Taylor Produce Co., freight rates 903
Tea:
enforcement of act 469, 866
standards under act 948
Teachers:
activity program, etc., teachers' manual 973
associations in cities 892
guide to child development, manual 418
high school teachers, Education Off. pubs 241
public school teachers in D. C.—
leave for educ. improvement, hearings 793
leave for educ. improvements, reports 37, 630
retired pay for 14 former teachers 630
salaries of vocational teachers, hearings 793
salaries of vocational teachers, report 630
training—
biennial survey, 1926–28 241
college credit for experience 533
statistics, teachers colleges, 1927–28 241
trade and industrial education 238
Teachers College, *see* Columbia University.
Teachers colleges:
George Washington appreciation course 1041
statistics, 1927–28 241
Teaching, *see* special subject taught.
Teagle, Walter C., employment stability, etc 767
Technical Association Pulp and Paper Industry, pH values, etc., in paper 311
Technical bulletins, *see* names of Departments, bureaus, etc., issuing bulletins—*also* subjects of bulletins.
Technical Conference of Printing Industry 1046
Technical Economist Corporation 532
Technical education:
biennial survey of industrial education 241
directory of trade and industrial schools 533
publications on, lists 238, 414, 533, 1044
survey in Buffalo public schools 973
teacher training, credit for experience 533
teacher training, suggestions 238
trade and industrial series 238, 414, 533, 1044
see also Vocational education—*also* special subject taught.
Technical news bulletin, Standards Bureau 17, 100, 161, 231, 303, 391, 486, 613, 776, 881, 966, 1039
index, 1930 391
Technical paper, Mines Bureau 14, 297, 298, 387, 388, 481, 609, 772, 878, 961, 1036
Technological unemployment, memorandum 1062
Teele, R. P., drainage districts in the South 217
Teeth:
determining age of cattle 863
mottled enamel 364, 851
tropical influence on dental disease 61
see also Dentistry.
Teiid lizards of genus Cnemidophorus 928
Teit, James A.:
ethnobotany of Thompson Indians 197, 198, 355
Salishan tribes of western plateaus 197, 355
tattooing, etc., of Thompson Indians 197, 355
Tela, Bahia de, chart 1069
Telefunken Gesellschaft für Drahtlose Telegraphie, claim 557, 558, 915, 988

Page

Telegrams, official, postal regulations 66
Telegraph:
communication chart of the world 437
companies, uniform system of accounts 246
publications for sale by supt. of docs 311
train order transmission, statistics 108
Telemeter, 6 element strain gauge set 459
Teleostean fishes at Beaufort, N. C 385
Telephone:
Coast Guard instructions, amendment 577
constructing lines, Army extension courses 367
directories—
Navy Department 125, 726
Panama Canal 731
State Department 448
Treasury Department 845
War Department 141, 752
Washington Navy-Yard 435
publications for sale by supt. of docs 311
train order transmission, statistics 108
wire tapping in law enforcement 631
Telescope, Army nomenclature lists 460, 592, 942
Temecula and Pechanga Reservation 500, 680, 788
Temperature:
distribution, abnormalities in U. S 153
effect of city smoke and heat 291
graphs, recent warm-weather trends 601
high temperature in July, 1930 219
periodic oscillations 871
predicting minimum temperature 90
surface temperatures, measurement 230, 391
winter temperature and precipitation 871
see also Soil temperature.
Temple, Henry W. (Representative from Pa.):
reports made by—
Conference Com 620
Foreign Affairs Com 497–498, 631–632, 793
Temple Anthracite Coal Co.:
complaint, rp., etc., of Fed. Trade Comn 240
v. Federal Trade Comn 416
Templin, E. H.:
soil surveys—
Milam County, Tex 5
Navarro County, Tex 373
Ten Eyck Co. *v.* comnr. of internal revenue 988
Tennessee:
bridges, *see* Elk River—French Broad River—Tennessee River.
census, 1930—
agriculture 957, 958
population 384, 958
district judges—
charges against H. B. Anderson 394, 642
Federal aid highway progress map 89, 951
Geology Division of Education Dept.—
soil survey of Hardin County 468
mail routes, schedules 67, 195, 443, 732, 999, 1073
post route map 733
Senatorial campaign expenditures 803
Tennessee Central Ry 1057
Tennessee River:
bridges in Tennessee 29, 402, 407, 503, 519, 619, 788
light list 226
navigation, flood control, etc 367, 753
see also Muscle Shoals.
Tenny, Lloyd S., farm products, standards 4
Tent drill, training regulations 938
Teraponidae collected by steamer Albatross 1002
Terashima Suido, chart 729
Terminal charges:
at U. S. ports, 1931 edition 1014
supplement to 1929 issue 79
checking and arrastre, goods for P. I 28
Terminal Railroad Association of St. Louis:
bonds 173
construction and operation 542
demurrage 114
Terminal Refrigerating and Warehousing Corporation, conduit in D. C 628, 673, 783
Termites, preventing damage 86
Terneplate, standard stock catalogue 746
Terracing farm lands 1026
Terre Haute Chamber of Commerce, silica 907
Terrestrial arcs, based on Clarke's reference spheroid 294
Terrestrial magnetism:
Coast and Geodetic Survey work, 1927–30 93
in Lake region 1013

Page

Terrestrial magnetism—Continued.
observations—
1929 223
Sitka, Alaska 294
Tucson, Ariz 604
Vieques, P. R 604
publications—
for sale by supt. of documents 105
of Coast and Geodetic Survey 93
Territories:
forestry matters, cooperation of U. S.—
hearing 882
law 790
reports 35, 489
see also names of Territories—*also*, for matters relating equally to States and Territories, *see* States.
Territories and Insular Affairs Committee, Senate:
calendar 529
hearings 530
reports 529–530, 694
Territories Committee, House:
hearings 657
reports 34, 510, 657
Terry, George H. B., tumors of palate 937
Terry, Marcus C., blood grouping and selection of donors for transfusion 274, 365
Terry & Lewis Sand & Gravel Co., Inc 548
Terry towels, elimination of waste 1039
Tertian malaria, *see* Malaria.
Tertiary climatic changes in Oregon 473
Testing, *see* names of substances or objects tested.
Tests and Technical Control Division, Government Printing Office:
evaluation of kraft paper 808
news ink and newsprint 971
pH values and total acidity in paper 311
report, 1930 534
Tetley, Joseph, & Co. *v.* United States 338
Tetraplegia from syphilitic endarteritis 585
Tewksbury, Howard H.;
automotive market in—
Brazil 296
Chile 296
Paraguay 224
motor roads in Brazil 877
Texarkana & Fort Smith Ry.:
bridge 26
v. United States and I. C. C 539
Texas:
archeological reconnaissance 840
bridges, *see* Sabine River.
census, 1930, population 384, 958
chart 606
compact with Colorado and New Mexico 28
Federal aid highway system progress map 379
New Mexico *vs* 930
postal service—
mail routes, schedules 262, 569, 925
post route map 733
sandstorms 870
two destructive Texas ants 285
Texas Agricultural Experiment Station:
soil surveys—
Milam County 5
Navarro County 373
Texas & New Orleans R. R.:
abandonment of operation 423
rates on—
bananas 542
lumber 249
switching charges 425
vs. Brotherhood of Ry. and S. S. Clerks 359
Texas & Pacific Ry.:
bonds 813
bridge 29
rates on petroleum 181, 714, 906, 980
v. United States 188, 338
v. United States and I. C. C 109
Texas Cement Plaster Co., plaster 547, 1057
Texas City, Tex., post office construction 743
Texas Company *v.* Secretary of Interior 56
Texas fever, to prevent spread in cattle 281
see also Cattle-ticks.
Texas-Louisiana Power Co.:
gas oil 177
oil-well supples 713

Page

Texas Mexican Ry., operation 173
Texas-New Mexico Power Co., electric motors 176
Texas Pipe Line Co. *v.* United States 532, 988
Texas State R. R., valuation 717
Textile Division, Foreign and Domestic Commerce Bur 225, 296, 876, 1035
Textile machinery, rates on 716
Textiles:
air permeability, instrument measuring 485, 611
coefficient of friction of fabrics 99, 231
protective value in still, etc., air 3, 148
wages and hours of labor in dyeing, etc 1062
see also names of textiles.
Textiles and Clothing Division, Home Economics Bur 216
Thallium, pharmacology, etc 863
Thames River, Conn., navigation, etc., rp 753
Thanksgiving day, 1930, proclamation 352
Tharp, W. E.:
soil surveys—
Hancock County, Ind 149
Montgomery County, Ala 86
Thaxter, S. W., & Co., grain 249
Thayer, Russell, tunnel under Delaware River 636
The Cordon, *see* Cordon, The.
The Dalles, Oreg., *see* Dalles, Oreg.
The Hague, Netherlands, *see* Hague, Netherlands.
Thearle, William H., selection of tuberculous patients for thoracoplasty 585
Thelen, Rolf, kiln drying handbook 151
Theodore, Nick R., relief 781
Theriault, Emery J.:
calculation of dissolved oxygen 1010
dilution waters in oxygen demand tests 1010
dissolved oxygen, etc., tests 749
influence of plankton on oxidation 750, 936
oxygen disappearance rate in sludge 1010
Thermal expansion of petroleum oils 302, 486
Thermal properties:
methyl and ethyl alcohols and benzene 965
saturated water and steam 99, 231
Thermo-couples, millivolt-temperature relation 276
Thermograms, Gulf Stream, across Florida Str. 10
Thermographs, aircraft, thermometric lag 160, 303
Thermometers:
aircraft, thermometric lag 160, 303
publications for sale 891
roof and ground exposure, comparison 952
Theses, *see* Academic dissertations.
Thiel, Arthur H., relief 22
Thiel Service Co. *v.* comnr. of internal rev 722
Thom, Corcoran, admr., *v.* comnr. of internal rev 426
Thom, Douglas A., epilepsy 203
Thomas, Algie L., United States *v* 988
Thomas, Charles, relief 799
Thomas, Clayton M., relief 649
Thomas, E. L., Latin American markets for soaps, etc 961
Thomas, Edgar, relief 799
Thomas, Elmer (Senator from Okla.):
papers presented by—
drift toward dictatorship 797
injunctions in labor disputes 796
reports made by—
Agriculture and Forestry Com 661
Indian Affairs Com 522, 678, 680
Thomas, G. C.:
anaphylactic shock accompanying malaria 1066
granuloma inguinale 829
Thomas, Irl, artificial pneumothorax 274
Thomas, James L., resistance standard 99, 230
Thomas, John (Senator from Idaho):
reports made by—
Irrigation and Reclamation Com 523, 681
Thomas, Lamirah F., relief 22
Thomas, Leah C., posture and physical fitness 916
Thomas Bay, chart 295
Thomas Jefferson Medal of Honor for Distinguished Work in Science, to provide for 32
Thomasville, Mo., bridge 636, 667, 783
Thome, Leo B., relief 615, 686
Thompson, Charles, to reimburse 615, 680
Thompson, Claude A., sodium amytal as general anesthetic 585
Thompson, E. H., feeding cottonseed products to livestock 467

Page

Thompson, F. L.:
pressure on flying boat hull 59, 1064
same, errata to technical report 346 342
twin-float seaplane, water pressure 59
U. S. S. Los Angeles 59, 60
Thompson, Fred S., relief 22
Thompson, H. C.:
home gardening in the South 868
sweetpotatoes, storage 217, 1026
Thompson, J. G.:
bismuth use in fusible alloys 484
lead-bismuth, etc., alloys 302, 485
Thompson, J. W., explant, etc., of fibroblasts 273, 850
Thompson, Laura A.:
five-day week, bibliography (2 entries) 724
national economic councils, bibliography 990
Thompson, Lewis R., physical development, etc 936
Thompson, M. R., alkali cyanides 1038
Thompson, Mary B., agricultural statistics 84
Thompson, Maude A., plant quarantines 89, 951
Thompson, Ross C., asparagus culture 376
Thompson, Seton H.:
age and growth of Pacific cockle 770
salmon-tagging experiments in Alaska 156
Thompson, Sylvester S., relief 686, 781
Thompson, W. P., relief 22
Thompson, Warren S., ratio of children to women 954
Thompson Indians:
ethnobotany 197, 355
tattooing and face and body painting 197, 355
Thompson Oil & Gas Co 56, 359, 825, 930
Thompson Veneer Co., logs 115
Thompson, Weinman & Co., Inc., barytes 706
Thomson, Andrew:
aerological observations with balloon 766
thunder and lightning in Pacific Ocean 291
Thoracoplasty, tuberculous patients 585
Thornbury, J. W., *v.* comnr. of internal revenue 1061
Thorne, Gerald, predacious nemas 209, 288
Thornton, James W., lymph glands, tuberculosis 751
Thorp, James, soil survey of Clay Co., Kans 597
Thorpe, Margaret A., *v.* comnr. of internal rev 250
Thorson, Harold, exr. *v.* comnr. of internal rev 430
Thread, standard stock catalogue 453
Three Oaks quadrangle, Mich.-Ind 107
Threlkeld, George W., gas anesthesia 203
Thumb Telephone Co., acquisition 247
Thunder Bay, chart 941
Thunderstorms, *see* Storms.
Thurberia weevil, quarantine modification 4
Thyroid:
hypothyroidism, rel. to changes of skin 1011
symptomatology of hypothyroidism 1011
see also Goiter.
Thyroidectomy, blocking of cervical plexus 274
Thysanosoma, pathogenicity in adult sheep 757, 862
Tia Juana River, equitable use of waters 133
Tice, Rebecca, Kolmer, Kahn, and Kline tests 108
Ticks, *see* Cattle-ticks—Fowl ticks—Spotted fever of the Rocky Mountains.
Tidal Oil Co., pipe 182
Tides:
calendar for Baltimore and Cape Henry 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067.
calendar for Norfolk and Newport News 61, 126, 191, 257, 344, 437, 565, 728, 832, 920, 993, 1067.
current charts, Boston Harbor 604
current charts, San Francisco Bay 223
publications—
for sale by supt. of documents 105
of Coast and Geodetic Survey 12, 384, 874, 959
tide tables—
catalogues 294, 605, 874
for Atlantic Coast, 1932 959
for Massachusetts Bay, etc., 1931 384
for New York Harbor, etc., 1931 384
for Pacific Coast, 1931 12
for Panama (Balboa), 1931 440
for Puget Sound, etc., 1931 384

Tides—Continued. Page
tide tables—continued.
for San Francisco Bay, etc., 1931 384
for United States, etc., 1931 294
Tidewater Toll Properties, Inc., bridges 24, 28
Tidioute quadrangle, Pa 314
Tiedmann, Theodore, Corporation *v.* U. S 39
Tierney, Austin L., relief 508
Tierra del Fuego, charts 259
Tilden quadrangle, Tex 701
Tile:
rates on hollow tile 49
rates on tile 118, 322
standard stock catalogue, tiling 847
see also Drain-tiles.
Tile-trenching machinery 600
Tiling, *see* Tile.
Tillamook Bay, chart 606
Tilletia tritici, resistance inheritance of wheat hybrids 861, 950
Tilley, F. W.:
germicidal efficiency of—
orthophenylphenol 1021
soaps and mixtures of soaps 371, 372
sodium hydroxide, etc 595, 760
Tillotson, C. R., hardwood seedlings on farm 215
Tillotson, John S., relief 781, 799
Tilton, Frederic A.:
free mail privilege, part of address 348
post office finances and rates 442
Tilton, L. W., prism size and orientation 485, 776
Timber:
farm, measuring and marketing 866
growing, etc., in southern pine region 286
help prevent woods fires, grow timber 763
rights on Gigling Field Range 646
wasteful to cut small trees 215
see also Logs.
Timbering regulations in coal mines 388
Timberland in Minnesota, sale 618, 693
Time:
Naval Observatory service 93
signals, radio aids to navigation 257
standard time zone investigation 549
uniform time system 257, 920
zones of U. S., adjacent Canada, and Mex 100
Time-clock systems, standard stock catalogue 136
Time-work trades, union wage rates 560
Timor Sea, chart 728
Tin:
bars, etc., standard stock catalogue 1082
production in 1929 878
rates on tinware 425
standard stock catalogue, tinware 1081
Tin-Can Island, biological collecting 840
Tin-plate, rates on 50, 184, 908
Tindle, James R., *v.* United States 237
Tine, J. E., soil survey of Bergen area, N. J 597
Tinea, *see* Ringworm.
Tinkham, George H. (Representative from Mass.):
minority views—
Appropriations Com 491
Tinkoff, Paysoff, *v.* Andrew W. Mellon, etc 825
Tinware, *see* Tin.
Tioga County, N. Y., in customs district no. 8 264
Tionesta Valley Chemical Co., Inc., methanol 180
Tiphia popilliavora, Japanese beetle parasite 374
Tire chains, rates on 173, 706
Tire reliners, rates on 184
Tires:
elimination of waste, truck tires 161
requirement form 849, 1084
specifications, etc 137, 362, 363, 454, 748, 849 (3 entries), 1009
standard stock catalogue 136
Tirfing Steamship Co., Inc., *see* Angfartygs Aktiebolaget Tirfing.
Tisdel, Alton P., *see* Documents Office.
Tissues, oxygen consumption, influence of arsenicals and glutathione 750, 935
Titanium Alloy Manufacturing Co 908
Titanium in 1929 387
Titanium tetrachloride, rates on 908
Titles held calendar, 1931 561
Titrating aldose sugars 302, 486
Tittabawassee River, flood control 399, 408, 619
Tivoli Hotel, transfer of operation 68
Toba Inlet, chart 994
Tobacco: Page
cigar-wrapper tobacco, Tariff Comn. rp 1080
classification brief 945
culture 377
curing 868
for consumption beyond jurisdiction of internal-revenue laws 272
injurious to tuberculous patients 585
inspection, etc., regulations 210
rates on 818, 908, 1058
revenue stamp redemption 676, 788, 791
specifications, etc 1009
standard stock catalogue 452
statistics 4
United States tobacco and its markets 961
withdrawal of supplies for vessels 747
Tobacco barns for sweet-potato storage 152
Tobacco cutworms and their control 285
Tobacco Division 961
Tobacco Merchants Association of U. S 1058
Tobago, money-order post offices 129
Tobold, Ewald F., patent appeal 611
Todd, Arthur J., home and family life 809
Todd, Frederick, Cuban readjustment 225
Todd, H. L., relief 397, 665, 781
Todd, Sir Joseph W., bart., case of executrix 123, 695
Todd, Pirl, *v.* United States 722
Toes, *see* Feet.
Tohickon Creek, navigation, etc., rp 78
Toilet articles:
customs appeal 696
Federal standard stock catalogue 452
Toilet fixtures, standard stock catalogue 135
Toledo & Ohio Central Ry., acquisition 1053
Toledo Pressed Steel Co., oil torches 181
Toledo Terminal R. R.:
bonds 112
valuation 250
Tolle, Chester D., vitamin D in menhaden 875
Tolls over certain bridges, regulation 23
Tolmachoff, I. P., extinction and extermination 354
Tolman, Glen D., relief 22
Toluene content of petroleum 775, 966
Tomato:
bacterial canker studies 465, 599
canning and manufacturing 289
greenhouse tomatoes 152
protect yourself from pellagra 762
rates on tomatoes 322, 908
standard stock catalogue, canned tomatoes 135
yellows, control 89
Tombigbee River, bridge in Mississippi 402, 519, 619
Tombs in Ur of the Chaldees 355
Tompkins, Raymond D., reactions in pulmonary tuberculosis 852
Tomplain, Walton, *v.* United States 338
Tongass National Forest, Executive orders 131, 196, 264
Tonguet, Martha J., relief 615, 686
Tonnage:
ship measurement certificates 448
vessels using Panama Canal, measurement 407
Tonopah & Tidewater R. R., stock 706
Tonsillectomy:
for adult patients 585
hemorrhage following 366
Tool, A. Q.:
changes in glass by heating 160, 302
variations in heating curves of glass 880
Tools, *see* Lathe tools.
Toombs, Gabriel, *vs.* Citizens Bank, Waynesboro 359
Tooth-brushes, customs appeal 806
Top knots, thunderstorm 291
Topa Topa Ranch Co., relief 22
Topographic maps 107, 166, 314, 419, 701, 893, 1048
Topography:
Army technical regulations 938
Army training regulations 938
Topography Division, Post Office Dept 67, 130, 195, 263, 350, 443, 570, 732, 837, 926, 999, 1073.
Tordia quadrangle, Tex 893
Torina, Louis, alias, *see* Bonamico, Louis.
Tornadoes, *see* Storms.

Page

Toronto, Ontario, meeting of International Association of Public Employment Services 1062
Torres Strait, pilot 343
Torsion:
members in aircraft construction 60
wings, torsional strength 59
Tortugas, *see* Dry Tortugas.
Torula:
meningo-encephalitis due to torula 61
torula meningoencephalitis 974
Toulon, France, chart 438
Tourist travel, *see* Travel.
Towels:
customs appeal 1044
terry towels, elimination of waste 1039
Town sites, unplatted portions, disposition 402, 618, 681
Towne, Alfred P., slimes, etc 388
Towns, *see* Cities and towns.
Townsend, John G., jr. (Senator from Del.):
reports made by—
Agriculture and Forestry Com 660
Claims Com 663, 666
Townsend, Roger R., British chemical developments, 1930 876
Townsend Lumber Co., shingles 425
Toxins:
diphtheria toxin-antitoxin mixture 139, 364
scarlet fever streptococcus toxin 851, 1085
see also Biological products—Poisons.
Toxoid, diphtheria, immunizing value 139, 364
Toy, George D., case of administrators 825
Toy, Harvey M., *v.* United States 825
Trachoma, some facts about disease, etc 365, 851
Track scales, railway, specifications 303
Tracy, Thomas H., *v.* comnr. of internal revenue 916
Tracy, W. W., sr., vegetable seeds for garden 1025
Tracy, William H., tornado at Grand Rapids 90
Trade, *see* Commerce—Retail trade—Wholesale trade.
Trade acceptances, open market purchases 41
Trade and industrial series 238, 414, 533, 1044
Trade associations, *see* Chambers of commerce, etc.—*also* names of associations.
Trade Commission, *see* Federal Trade Commission.
Trade education, *see* Technical education.
Trade information bulletin, *see* Commerce.
Trade-marks:
decisions, 1930 962
decisions (separates from Official gazette) 15, 97, 158, 227, 299, 388 389, 482, 610, 773, 879, 962, 1036
index of trade-marks issued, 1930 483
lists (in Official gazette) 15, 97, 159, 228, 299, 300, 389, 482, 610, 774, 879, 963, 1037.
lists (separates) 16, 98, 159, 229, 300, 390, 483, 611, 774, 880, 963, 1037.
protection, inter-American convention 843, 1003
protection, report to accompany H. R. 2828 689
registrants, weekly list 16, 97, 159, 228, 229, 300, 389, 483, 611, 774, 879, 963, 1037.
Trade promotion series, *see* Commerce.
Trade reports, *see* Commerce.
Trade schools, *see* Technical education.
Trade-unions, *see* Labor-unions—*also* American Federation of Labor—International Federation of Trade Unions.
Trades, *see* Occupations—*also* names of special trades.
Tradewater River, navigation, etc., rp 205
Trading on margins, N. Y. Stock Exchange 801
Traffic:
acts for District of Columbia, to amend—
hearings 630
law 783
reports 497, 520, 620
automotive, convention on regulation 346
industrial traffic management 386
laws and regulations in Canal Zone 440
Traffic decisions, *see* Interstate Commerce Commission.
Traffic Department, District of Columbia, *see* Vehicles and Traffic Department, District of Columbia.
Traffic Department, Shipping Board Merchant Fleet Corporation 69, 132, 197, 445, 572, 736, 839, 928, 1001, 1076.

Page

Traffic director, District of Columbia, report, 1930 414
Trail Smelter reference 133, 267, 268
Trailers, Government supplies 849, 1084
Traill County, N. Dak., bridge 641, 671, 787
Trails:
construction, etc., in Alaska, report 590
legislation, etc., rel. to improvement 218
Train-control devices:
installation on Long Island R. R 119
installation on Pennsylvania R. R 818
report of Safety Bureau, 1930 423
statistics, tabulation 108
Train order transmission by telegraph, etc 108
Train service, Northern Pacific Ry., etc 184, 716
Train-stop devices, *see* Train-control devices.
Training camps, *see* Citizens' military training camps.
Training courses, *see* Military education—Naval education.
Training Division, Internal Revenue Bur 454
Training Division, Navigation Bur 343, 727, 829
Training regulations, *see* Army.
Trammel, G. C., bridge 502, 670, 786
Trammell, Park (Senator from Fla.):
reports made by—
Claims Com 662, 665
Naval Affairs Com 526, 687
Transatlantic Trust Co., fee for attorneys 134
Transfers, *see* Civil service.
Trans-Mississippi Terminal R. R., valuation 119
Transportation:
Army—
extension courses 752
settlement of accounts 506
training regulations 938
beginning of mechanical transport era 355
investigation by various agencies 641
publications for sale—
Government 311
Interstate Commerce Commission 105
safety rules, U. S. navy yards, etc 127
see also Shipping.
Transportation Division 386
Transportation of school children:
factors affecting cost in California 418
State aid for school consolidation, etc 891
Transportation series, Rivers and Harbors Board 277
Trapping:
coyote and wolf trapping 5, 597
in Canal Zone, to prevent 640
Trauba, N. C., treatment of chronic arthritis 140
Travel:
Navy travel instructions 346
changes 346
promotion by foreign countries 480
routes and costs in Latin America 225
to promote travel to and in U. S 641
Traveling expenses:
Army and Navy Nurse Corps, mileage 648
by motor cycle, etc., mileage basis 619
civilian officers and employees 1000
see also certain headings beginning Pay—*also* names of Departments, bureaus, etc.
Travell, Warren, patent appeal 879
Traverse, *see* Surveying.
Trawling for crustaceans, Tortugas, Fla 840
Traxler, D. B., relief 22
Tray service, central 751
Trayer, George W.:
calculating strength of beams 1064
design of airplane wing ribs 1064
plywood webs for airplane wing beams 1064
torsion in aircraft construction 60
Treadway, W. L.:
abusive use of narcotic drugs in Egypt 139
medical service in Federal prisons 138
Treasurer of United States 76, 140, 203, 274, 365, 457, 585, 750, 852, 937, 1011, 1086
report, 1930 457
Treasury:
daily statement 72, 135, 200, 268, 360, 449, 577, 739, 845, 932, 1007, 1081
decisions—
Jan.-June, 1930 360
Jan.-June, 1930, index 201
Jan.-Dec. 1930 582

Page

Treasury—Continued.
decisions—continued.
July–Dec. 1930 ... 932
July–Dec. 1930, index ... 846
citator, supplement ... 363
weekly ... 73, 135, 201, 269, 360, 450, 578, 740, 846, 932, 1007, 1081
Treasury bills:
circular ... 73
exemptions from taxation ... 29
Treasury Department ... 72, 135, 200, 268, 360, 449, 577, 739, 845, 931, 1007, 1081
appointments, etc., in civil service ... 740
appropriations, 1932—
hearings ... 396, 406
law ... 789
reports ... 394, 396, 406, 488, 621
appropriations, proposed provisions ... 743
report, 1930 ... 450, 1007
extracts ... 931, 932, 1007
telephone directory ... 845
useless papers ... 694
Treasury notes:
3½%, series A-1930-32, etc., redemption ... 201
3½%, series C-1930-32, redemption ... 1081
Treaties:
recent, 71st Cong. 2d sess ... 392
treaty information bulletin ... 71, 133, 199, 267, 357, 448, 576, 738, 843, 930, 1003, 1078
treaty series ... 70, 133, 198, 199, 266, 267, 356, 447, 448, 737, 841, 1002, 1003, 1078
see also subjects, and names of countries.
Treaty Division ... 71, 133, 199, 267, 357, 448, 576, 738, 843, 930, 1003, 1078
Tree hoppers, control in orchards ... 762, 865
Trees:
Christmas trees as cash farm crop ... 948
cottontail rabbits in rel. to trees, etc ... 1021
Federal standard stock catalogue ... 1008
planting for Washington bicentennial ... 803
planting the roadside ... 600
propagation ... 765
publications—
for sale by supt. of documents ... 808
of Agric. Dept. on planting, etc., trees ... 286
relation of season to callus formation ... 1026
shelter belts on Great Plains ... 1026
see also Citrus fruit—Forests and forestry—Timber—*also* names of trees.
Trematodes:
from MacCallum collection ... 841
new species, genus Ornithobilharzia ... 265
Trench mortars, standard nomenclature list ... 143
Trenching machinery ... 600
Trenton, N. J.:
bridge ... 400, 406, 616
census of distribution, retail ... 476
chart ... 1032
Trenton-Princeton Traction Co., control ... 173
Trentzsch, P. J., paresis, malaria treatment ... 108
Treponema pallidum, lymph gland transfer ... 273
Tri-State Traffic Co., potatoes ... 906
Trial by jury, *see* Jury.
Triangulation, *see* Surveying.
Trianon, Inc., *v.* United States ... 119, 426, 576, 982
Tribunals, *see* Courts.
Trichogramma minutum, egg parasite ... 285
Tricou, Eugene H., *v.* United States ... 39, 413
Trilety, M., Fed. Trade Comn. rp., etc ... 240
Trimble, Josephus C., court case ... 969
Trinidad, money-order post offices ... 129
Trinity Farms Construction Co ... 916, 989
Trinity Valley & Northern Ry ... 977
Tripartite Claims Commission, U. S., Austria, and Hungary ... 357
attorneys' fees ... 853
Tripods (camera):
customs appeal ... 163
Trisodium phosphate:
germicidal efficiency ... 595, 760
standard stock catalogue ... 581, 933
Triticorin Roadstead and Harbor, chart ... 438
Troödont dinosaur from Lance formation ... 1002
Tropic Everglades National Park, *see* Everglades National Park.
Tropics:
agriculture, debt to tropical America ... 260
enfermedades y plagas de la piña ... 834
influence on dental and oral disease ... 61
Tropisms and sense organs of Coleoptera ... 928

Page

Trowbridge, E. A.:
beef from calves fed grain ... 283
grading up beef cattle ... 372
Troy, N. Y., bridge ... 400, 406, 407, 616
Troy Motor Sales Co., *see* Nash-Breyer Motor Co.
Truax, T. R.:
gluing of wood ... 470
gluing wood in aircraft manufacture ... 215
Truck crops, *see* Market gardening.
Truckee-Carson Irrigation District, payment ... 29
Trucks, *see* Motor-trucks.
Truda, Dominic A., *v.* United States ... 412
Truesdell, Leon E.:
census, 1930, occupation classification ... 293
census, 1930, population ... 476, 957
Trull, F. W., soil of Jackson County, Mich ... 212
Trullinger, R. W., engineering research in agriculture ... 1023
Trumbull County, Ohio, viaduct ... 501, 617, 668
Trunk, Luggage & Leather Goods Manufacturers of America, luggage ... 712
Truscon Steel Co. *v.* United States ... 307
Trust companies, Federal reserve membership regulations ... 238
see also names of companies.
Trust Fund Board, *see* Library of Congress Trust Fund Board.
Trusts:
antitrust laws with amdts., etc ... 558
enforcement of antitrust laws, estimate ... 742
Trusts and trustees:
operations of national banks, 1930 ... 581
regulations to govern national banks ... 309
surrender of powers by national banks ... 27
Trutt, Frank W., relief ... 403
Tryon, F. G.:
coke and by-products in 1928 ... 14
economics of strip coal mining ... 609
production, etc., of Wyoming coals ... 609
Trypanocidal activities, neoarsphenamine ... 75, 364
Tryparsamide therapy of neurosyphilis in Negroes ... 937
Tuberculin, *see* Tuberculosis in animals.
Tuberculosis:
article on ... 256, 829
artificial pneumothorax ... 140
books for patients, discrimination ... 203
cæcum, simulating appendiceal abscess ... 829
cavitation, tuberculous ... 140
cavities, healing ... 750
climate not a specific ... 937
coincidence with malignancy ... 274, 937
complicated by ginger paralysis, etc ... 853
diagnosis in borderline cases ... 274
diagnosis method in guinea pig ... 274
exacerbation of chronic tuberculosis ... 1011
exercise in pulmonary tuberculosis ... 203, 585, 852
getting well, things worth knowing ... 750
healing of pulmonary tuberculosis ... 1086
hospital function in treatment ... 937
insulin as weight producer ... 1086
intestinal, diagnosis and treatment ... 937
intestinal, study ... 852
laryngeal—
diathermy with electric cauterization ... 76
tuberculosis of larynx ... 751
lymph glands, light treatment ... 751
mental factors in treatment ... 751
miliary, with diaphragm involvement, etc ... 751
multiple foci in tuberculosis ... 852
nature and prevention ... 1085
nursing aftercare and treatment ... 937
occupational therapy in hospital ... 366
phrenicotomy in pulmonary tuberculosis ... 585
publications of Public Health Service ... 1085
reactions in pulmonary tuberculosis ... 852
röntgen diagnosis ... 140
sanitorium in D. C., construction ... 630, 675
semi-infirmary patients, ward care ... 585
skin, and heliotherapy ... 751
spondylitis, progressive tuberculous ... 1086
surgical treatment ... 937
thoracoplasty, selection of patients ... 585
time as factor in treatment ... 76
tobacco injurious to tuberculous ... 585
tuberculous enteritis, correction of entry in June, 1930, catalogue ... 2

Tuberculosis—Continued. Page
ulcer of mouth, tuberculous 274
with meningitis and brain tumor 1086
Tuberculosis in animals:
control in cattle, regulations 1019
detection, control, and eradication 372
hogs 467
orthophenylphenol efficiency against 1021
reliability of tuberculin test 597
war map of tuberculosis of livestock 85
Tuberculosis of fowls 1021
Tubes:
Geiger tube electron counter 17, 98
rates on brass tubing 707
standard stock catalogue, colon tubes 136
standard stock catalogue, tubing 135, 136, 746
Tubes (inner):
requirement form 849, 1084
specifications, etc 137, 362, 363, 454, 748, 849 (3 entries), 1009
Tubs, *see* Bath-tubs—Dye-tubs.
Tucker, Cecil W., tuberculosis of skin and heliotherapy 751
Tucker, Ruth, fruit and vegetable statistics 4
Tucker, W. A., tensile properties of alloy steels 612, 776
Tucson Field, construction 506, 789
Tucson Magnetic Observatory 604
Tucumcari quadrangle, N. Mex 167
Tulare Lake, contribution to weather history 219
Tularemia:
coincident with carcinoma and syphilis 203
control in wild animals, 10 yr. program—
hearings 660
law 787
reports 490, 660
occurrence in British Columbia 584, 936
Tumors:
bone tumors in ex-service men 852
brain tumors—
intracranial tumor, glioma 203
nursing care of patients 203
symptoms with tuberculosis 1086
types of mental reactions 974
cancer as Federal problem 1066
carcinoma of lungs and pancreas 937
coincident carcinoma, tularemia, etc 203
discovery of cancer cure, Federal aid 517
gastric carcinoma simulating typhoid 140
implantation of carcinoma cells 60, 61
lung tumor suggestive of gumma 853
lungs, primary carcinoma 274, 751
malignancy and tuberculosis 274, 937
mixed tumors of hard and soft palate 937
retroperitoneal reticulum cell sarcoma 1066
sarcoma of stomach 76
spinal cord tumor 436
Tuna fish, standard stock catalogue 1083
Tungsten carbide, cutting tests 99, 230
Tungsten in 1929 387
Tunnell, F. W., & Co., fertilizers 177
Tunnels under Delaware River 636
Tupper, Ernest A., unemployment in Philadelphia, Apr. 1929 57
Turbocentrifugal supercharger, *see* Engines.
Turbulence in wind tunnel measurements 1064
Turkey, treaty with U. S., commerce, etc 133
Turkeys, raising 283
Turkish towels, elimination of waste 1039
Turley, W. C., exr., *v.* comnr. of internal rev 1061
Turner, Clifford J., relief 22
Turner, Fred, glass-cloth 545
Turner, H. A., agricultural statistics 84
Turner, S. E., relief 492, 514
Turner, Walter L., relief 781, 799
Turner, William M., bridge 637, 669, 786
Turner Marble & Granite Co., marble 116
Turning characteristics of Los Angeles 59
Turnipseed, Lulie H., appointment 571
Turnover, *see* Labor.
Turpentine:
pine tree treasures 866
southern pine turpentining practices 286
see also Naval stores.
Turquoises, customs appeal 806
Tusayan National Forest, land for Navajo Reservation 522, 654, 786
Tuscola County, Mich., soil survey 864
Tuskegee Negro Conference 583
Tuttle, Guy E., relief 23
Tutuila: Page
light list 608
map 537
money-order post offices 129
radio stations, chart 1069
Twin City Forge and Foundry Co. employees 34
Twin City Pipe Line Co. *vs.* Harding Glass Co 1004
Twine, Federal standard stock catalogue 453, 1007
Twins, fraternal, dementia præcox in 1011
Two Harbors, Minn., abolished as customs port of entry 570
Two Medicine formation reptiles 356
Two Rivers Harbor, preliminary examination, report 753
Tydings, Millard E. (Senator from Md.):
reports made by—
Naval Affairs Com 688
Tyler, Anderson, relief 665, 782
Tyler, Paul M.:
antimony in 1929 226
magnesium and its compounds in 1929 298
mercury in 1929 387
rare metals in 1929 387
Tyler, R. B., Co., Inc., asphalt 1053
Tyndall, Grace M., appointment 927
Type metal alloys, properties 302, 485
Typewriters, specifications, etc 747
Typhoid fever:
in six Ohio River cities 1085
vaccine, effect after infection 273, 456
Typhoons, *see* Storms.
Typhus fever:
typhus-Rocky Mt. spotted fever group 750, 1085
virus of typhus type from rat fleas 750, 936
Tyson, Lawrence D., memorial addresses 613

U

U bars, vibration 880, 1039
U. S. S. R., *see* Union of Soviet Socialist Republics.
Udder diseases of dairy cows 283
Ufer, Johannes, patent appeal 16
Uintah Indians, payment for lands 619
Ulcers:
diagnosis of peptic ulcer 366
tuberculous ulcer of mouth 274
Ulrich, E. O., Cambrian Crustacea 928
Ultramarine-blue:
costs of production 739, 1006
Federal standard stock catalogue 270
Ultra-violet rays:
measurements using filter method 1038
use of light in epilepsy 1086
Umatilla Rapids, protection, etc., hearings 681
Umatilla Reservation, trust period extended 444
Umpleby, Joseph B., Wood River region, Idaho 43
Umpqua River:
chart 606
water-power resources 107
Umsted, Scott, *v.* United States 338, 888
Unaka National Forest, resources, etc 470
Unalaska Bay, chart 606
Uncompahgre Indians, payment for lands 619
Uncompahgre irrigation project:
relief—
hearings 523
law 615
reports 503, 523
Underhill, Charles L. (Representative from Mass.):
reports made by—
Accounts Com 489, 791–792
Underhill, Wilie H., *v.* United States 988
Underwriting of foreign securities 296, 772
Undulant fever:
Brucella infection in Iowa 273 (2 entries), 750
complicated by malarial infection 274
in Ware County, Ga 203
prevalence in United States 1085
recent progress in studies 75, 365
undulant fever 1066
undulant or Malta fever (2 entries) 76
Unemployment, *see* Employment and unemployment.
Unemployment Committee, *see* President's Emergency Committee for Employment.

Page

Unemployment insurance:
in foreign countries 433
system of Great Britain 724, 725
Unhealthful posts in foreign service, order 1074
Uniform crime reports 253, 340, 431, 559, 723, 825, 916, 989
Uniforms:
Army, dress uniforms for enlisted men 101
Coast Guard, regulations 362
merchant marine officers 486
Navy, regulations, changes 1065
Union Bag & Paper Corporation, wood-pulp 425
Union Company *v.* United States 696
Union for Protection of Industrial Property, *see* International Union for Protection of Industrial Property.
Union Land Co. *v.* comnr. of internal revenue 558
Union Metal Manufacturing Co., columns 709
Union of South Africa:
electrical equipment market 225
fresh fruit industry 386
sales territories 225
see also British South Africa.
Union of Soviet Socialist Republics:
anthracite coal industry 796, 931
labor in coal fields 796
products, to prohibit importation 658
Union Pacific R. R.:
Pickwick-Greyhound Lines, Inc., etc., *v.* 182
rates on—
clover seed 901
paving-joints 117
Union Railroad, valuation 982
Union River, navigation, etc., rp 940
Union Stock Yards and Transit Co 552, 718
Union Stock Yards Co 552, 718
Union Switch & Signal Co 119
Union Telephone Co. of Baltimore County 899
Union Traction Co. of Indiana 546
Union Trust Co., trustee:
v. commissioner of internal revenue 431
v. United States 1060
Unions, *see* Labor-unions.
United American Line, Inc 576
United Chemical and Industrial Companies 312, 984
United Cigar Stores Co. of America 722, 1043
United Clay Products Corporation 248
United Confederate Veterans:
attendance of Army Band at reunion 504, 524, 615, 744
tents, etc., for 1931 encampment 403, 525, 619
United Kingdom, *see* Great Britain.
United Mercantile Distributing Co., relief 663, 779
United New Jersey R. R. & Canal Co., bonds 899
United Paperboard Co., Inc.:
coal 544
paper board 713, 714
pasteboard 817
straw 549
United Profit Sharing Corporation 237, 338
United Remedies, Inc 240
United Spanish War Veterans:
national conventions or encampments—
Marine Band to attend 507, 687, 785, 790, 846
proceedings of 32d encampment 1040
to print proceedings annually 689, 790
United States:
NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects. For all Departments, bureaus, etc., of the Government of the United States, *see* the names of such Departments, bureaus, etc.
boundaries, areas, etc 313
history, books, etc., published in 1927 355
maps—
airway maps 92, 475
physical divisions 892
United States, incl. Territories, etc 536
statistical abstract, 1930 297
see also America.
United States Asphalt Refining Co 71
United States Cartridge Co 56, 252, 338, 888
United States code, *see* Codes of law.
United States Envelope Co., paper cups 321
United States Fidelity & Guaranty Co.:
vs. Dave Pinson, etc 1004
vs. John F. Guenther 358

Page

United States Graphite Co.:
barrels 706
soapstone 183
United States Hammered Piston Ring Co 627, 665
United States Potters' Association 901
United States reports, *see* Supreme Court of United States, cases adjudged.
United States Tile & Marble Co., Inc 1057
United States Trust Co. of New York, trustee 154
United Thacker Coal Co 339
Unity Railways 976
Universal Lock-Tip Co 164
Universal Paper Bag Co 321
Universal Steel Co 56
Universe, physics 355
Universities, *see* Colleges and universities—*also* names of universities.
University quadrangle, Va 893
Unlading and lading:
charges at Atlantic and Gulf ports 1059
Granite Manufacturers' Association 549
ship cargoes, productivity of labor 724, 725
Uno Creek, power site restoration no. 451 263
Unzeuta, Francisco, United States *vs* 200
Upatoi Creek, bridge 650
Updegraff, William N., *v.* United States 969
Updike, Nelson B., United States *vs* 72
Updike, Ralph E.:
contested election case—
arguments and hearings 497
report of committee 398
Upholstered furniture, *see* Furniture.
Upland cotton, *see* Cotton.
Upolu Airplane Landing Field, restoring portion to Hawaii 570
Upper Coos R. R., control 112
Upper Merion & Plymouth R. R., acquisition 247
Upper Pend d'Oreilles, *see* Kalispel Indians.
Upper Saginaw River, chart 591
Upper Water street, *see* Water street.
Upson-Walton Co., relief 495, 516
Ur of the Chaldees, more royal tombs 355
Uranium in 1929 387
Uravic, Anton, case of executrix 576
Urdika Wire Die Works, machinery 806
Urinary calculi in sheep 861, 945
Urography with uroselectan 256, 585
Uromyces, mechanism of sex 1026
Uroselectan in urography 256, 585
Uruguay:
centenary, Pan American Union bulletin 64
same (in Portuguese) 65
same (in Spanish) 65
foreign trade for 1929 194
la literatura en el año de su centenario 567
Useless Executive Papers, Joint Select Committee on Disposition of:
reports 410, 530, 694, 803
Useless papers, *see* Executive Departments—*also* names of Departments, bureaus, etc., to which papers belong.
Usilton, Lida J.:
gonorrheal arthritis and epididymitis 851, 936
prevalence of venereal disease 585, 852
St. Louis venereal disease clinics 140, 365
Ustilago, *see* Smut.
Utah:
asphalt, gilsonite, etc., disposition 509, 691
basket-makers, crania in Nat. Museum 929
census, 1930—
agriculture 958
population 293
unemployment 958
court cases—
Arizona *v.* (waters of Colorado R.) 530, 819, 1004
United States *v.* 722, 930, 988, 1004
v. United States 988
Federal aid highway system progress map 870
forest and range resources 287
gold, silver, lead, etc., 1929 1036
Government forest work 866
lands—
coal-land restoration 445
exchange with United States 619, 693
oil shale, revocation of withdrawal 735
withdrawal for classification 445, 571, 838
withdrawal for resurvey, revocations 131, 196

Page

Utah—Continued.
mud floods 290
postal service—
mail routes, schedules 67, 263, 443, 732, 1073
post route map 733
power-site restorations 264
precipitation in valleys, etc 1027
Public Instruction Department—
forest and range resources 287
right of way for telephone, etc., line 352
silver service from U. S. S. Utah 508, 527, 789
sugar-beet growing under irrigation 764
transplanting sugar beets 600
Utah, U. S. S.:
silver service for Utah 508, 527, 789
Utah Agricultural Experiment Station 1020
Utah Coal Producers' Association 175
Utah Poultry Producers Cooperative Association 319
Utah Power & Light Co. *v.* United States 237
Utah Shippers Traffic Association 903
Ute Indians:
payment for lands 619
relief of confederated bands 680
to sue in Court of Claims 523
Utensils, boat and ship, stock catalogue 932
Utilities, Army extension courses 458
Utility commissions, *see* names of States or names of places.
Utility companies, *see* Public utility companies.
Uyak Anchorage, chart 477
Uyak Bay, chart 479

V

Vacation in national forests 7, 470, 763
Vaccination:
of calves to prevent abortion 371, 372
postvaccinal encephalitis 1066
smallpox, essentials 364, 584
Vaccine:
antirabic vaccine paralysis 139, 272
gonorrheal arthritis and epididymitis 851, 936
Rosenow, in epidemic encephalitis 937
typhoid, effect after infection 273, 456
Vaccinia, pathology in rabbits 584
Vacuum:
effect on oil wells 97
Vacuum cleaners, specifications, etc 747
Vacuum Oil Co., United States *v.* 188, 337
Vagus stimulation, heart action under 751
Vail, Robert W., to extend measure of relief 23
Val Blatz Brewing Co., *see* Blatz, Val, Brewing Co.
Valaer, P. J., jr., cause of ginger paralysis 75, 273
Valdez, Alaska, topographic map 107
Vale irrigation project, specifications, etc 315
Valentine, Octave L., patent appeal 774
Valentine-Clark Co. *v.* comnr. of internal rev. 988
Valgren, V. N.:
fire safeguards for farm 282
miscellaneous agricultural statistics 84
Valladares de Calderon, Raimunda, relief 574
Valle, Demetrio, reimbursement 574
Vallejo, Calif., *see* Veterans' Alliance of Vallejo, Calif.
Valletta harbors, chart 1069
Valley Forge, Pa., address of President Hoover 999
Valley Forge Military Academy, Inc., relief 506
Valley Grain Co., Inc., grain 178
Valley Ridge Farm Trust, case of trustee 431
Valley Telephone Co., acquisition 899
Valuation decisions, *see* Interstate Commerce Commission.
Valves:
automatic injection, design, etc 1064
compensating, on oleo strut 939
Vanadium in 1929 387
Vanadium Metals Co., cases 328
Van Camp Products Co., cotton-seed oil 544
Vance, Arlo M., Apanteles, corn borer parasite 865
Vance, John T., Law Library of Congress 918
Vance, Percy J., *v.* United States 188
Vancouver, Wash., chart 605
Van Deman, Ruth, Aunt Sammy's radio recipes 1024
Vandenberg, Arthur H. (Senator from Mich.):
reports made by—
Commerce Com 37, 517, 671–672
Printing Com 689

Page

Vanderbilt, R. T., Co., Inc., clay 175
Vandercook, Wesley, bridge 24
Vandeweghe, Adiel, Fed. Trade Comn. rp., etc 1046
Van Dusen, M. S.:
heat transfer through building walls 775, 964
heat transfer through insulation 99, 230
Van Leeuwen, Adrian, relief 650
Van Leeuwen, E. R., traps for Japanese beetle 87
Van Meter, Solomon L., jr., cases 252, 339, 916
Van Nostrand Saddlery Co., straw 549
Van Orman, Ward T., airship bases 952
Van Schaick, Ellen L., comnr. of internal revenue *v.* exr 339, 558, 722, 739
Van Smith Building Material Co 56
Vapors:
inflammability limits 609
organic compounds, guinea pig response 139 (3 entries), 202, 272 (2 entries), 364, 456
Vargas, Ernestina I., Panama Mail S. S. Co. *vs* 359
Varicose veins, injection treatment 203
Varix, intestinal, fatal hemorrhage 203
Varnishes, classification, I. C. C. decision 116
Varsity Underwear Co., Inc., *v.* United States 696
Vaseline, rates on 119
Vaughan, S., Furniture Co., relief 781
Vauthier, Louis, relief 409
Veatch, J. O.:
soil surveys—
Jackson County, Mich 212
Menominee County, Mich 212
Vegetable fats, *see* Fats.
Vegetable oils, *see* Oils—*also* names of oils.
Vegetables:
canned, determining tenderness 866
cooperative marketing associations 308
gardens 377
home storage 217
inspection and certification 759
mailing in Fla., restrictions removed 348
proximate composition 470
publications for sale by supt. of docs 417
rates on 818, 982
refrigeration charges 817
seeds for home and market garden 1025
statistics 4
see also names of vegetables.
Vehicles:
Federal standard stock catalogue 1081
hire from village delivery carriers 29
laws and regulations in Canal Zone 440
public conveyances in Canal Zone, tariff 731
see also Motor-vehicles.
Vehicles and Traffic Department, District of Columbia, estimate 741
Veins:
phlebitis of femoral vein 140
varicose veins, injection treatment 203
Veitch, F. P.:
home tanning of leather and small skins 373
leather shoes, selection and care 1021
preservation of leather bookbindings 284
Veldee, M. V.:
scarlet fever streptococcus products 139, 365
scarlet fever streptococcus toxin 851, 1085
typhoid in six Ohio River cities 1085
Velvet:
customs appeal 238
Velvet bean 1026
Veneer Manufacturing Co., shooks 118, 907
Venereal diseases:
among Coast Guard personnel 456, 851, 1085
clinics of St. Louis, data 140, 365
prevalence in—
Charleston, W. Va 1086
East Orange, N. J 456
14 communities 139
United States 585, 852
prevention (2 entries) 1066
seamen in port of New York 76
V. D. pamphlet 274
venereal disease information 76, 140, 274, 365, 456, 585, 851, 852, 937, 1011, 1086
index to v. 11 585
see also names of diseases.
Venereal Diseases Division 76, 139, 203, 274, 365, 456, 584, 851, 936, 1011, 1086

Page

Venezuela:
foreign trade for 1927 and 1928 ... 65
new shipworm ... 928
Ventilation:
copper mines of Arizona ... 387
farm barns ... 9
Vermicelli, rates on ... 712
Vermont:
census, 1930—
agriculture ... 476, 604
population ... 155, 769, 958
unemployment ... 476
employees in Govt. appointed since 1918 ... 474
mail routes, schedule ... 130
post route map ... 733
relief ... 29
Vernal, Utah, bituminous sandstone ... 314, 810
Vernon, J. J., marketing apples ... 862
Vernon, Calif., tornado, Mar. 15, 1930 ... 290
Verwey, William, fees for attorneys ... 844
Vesicular stomatitis of horses and cattle ... 372
Vessels, *see* Coast Guard cutters—Merchant marine—Quarantine vessels—Ships.
Vesta, Warren C., relief ... 23
Vetch:
effect of green manure on soil ... 3, 85
monantha vetch ... 471
Veterans:
certificates of repatriation ... 24
disabled, special leaves of absence ... 69
preference, civil-service rules amended ... 926
see also Homestead—Hospitals—Life insurance—Pensions—Veterans' Bureau—World War adjusted compensation act—*also* names of military societies, e. g. American Legion.
Veterans' Administration ... 140, 203, 274, 365, 457, 585, 750, 852, 937, 1011, 1086
estimates ... 741, 847
Executive orders ... 69, 352, 1076
hospitals, *see* Hospitals.
law authorizing ... 29
retirement pay of administrator ... 676
Veterans' Alliance of Vallejo, Calif., cannon ... 506
Veterans' Bureau ... 76, 140, 203, 274, 365, 457, 585, 750, 852, 937, 1011, 1086
commissioned medical personnel ... 883
consolidation of veterans' activities—
Executive order ... 69
law ... 29
hospitals, *see* Hospitals.
laws, compilation ... 394, 966
legislation, hearings ... 659
medical bulletin ... 76, 140, 203, 274, 366, 585, 750, 852, 937, 1011, 1086
index, etc., to v. 6 ... 366
medical examiners' manual ... 457
report, 1930 ... 457
to amend World War veterans' act—
hearing ... 37
law ... 29
reports ... 31, 34, 658
Veterans of Foreign Wars of United States:
proceedings of nat. encampments, to print ... 689, 790
proceedings of 31st nat. encampment ... 489
Veterans of World War, Disabled American, *see* Disabled American Veterans of World War.
Veterans of World War, French, *see* French Veterans of World War.
Veterinary Corps, Army, increase efficiency ... 29
Veterinary drugs, *see* Drugs.
Veterinary sanitation, Army extension courses ... 1012
Veto messages:
President of United States—
adjusted service certificates ... 734
Chippewa Indians to submit claims ... 734
claims of Choctaw, etc., Indians ... 734
Muscle Shoals properties ... 838
Quartermaster Corps hospitalization ... 735
relief of Homer N. Horine ... 734
relief of Joseph Marko ... 735
Vice President of United States:
term of office—
hearing ... 656
reports ... 630, 656
Vicksburg, Miss., rivers and harbors, rp ... 590
Victor-Meyer molecular-weight apparatus ... 160, 302
Victoria Harbor, chart ... 64

Page

Viemont, Bess M.:
play suits for winter ... 216
slip covers ... 1024
window curtaining ... 216
Vienna, Austria, workingmen's housing ... 990
Vieques, P. R., *see* Porto Rico Magnetic Observatory.
Vieques Sound, chart ... 479
Village carriers, *see* Letter-carriers.
Villages, prehistoric, on Zuñi Reservation ... 840
Villard Oil Co., gasoline ... 320
Vinall, H. N.:
growing, etc., sorghums for forage ... 377
Sudan grass ... 289
Vincennes, Ind., bridge ... 29
Vincennes Bridge Co., iron ... 1056
Vincent, Mildred E., appointment ... 69
Vincentown & Tabernacle Telephone Co ... 173
Vindicator Consolidated Gold Mining Co ... 312, 988
Vinegar, rates on ... 50, 549, 908
Vineyard Haven, chart ... 295
Vineyard Sound, anchorage grounds ... 78
Vinson, Carl (Representative from Ga.):
reports made by—
Naval Affairs Com ... 403, 507–508, 651–652
Vinyl chloride vapors, response of guinea pigs ... 139, 456
Virgin Islands:
admiralty laws, extending ... 530
census, 1930—
agriculture ... 958
population ... 222, 958
chart ... 1033
coast pilot, supplement ... 223
exemption from coastwise laws ... 131
government, placed under Interior Dept ... 927
governor, appropriations credited ... 69
light list ... 608
map ... 537
mortality statistics, 1928 ... 293
narcotic drugs, dispensation rules ... 445
postal service—
money-order post offices ... 129
post route map ... 733
schedule of mail routes ... 570
property placed under Interior Dept ... 1076
publications for sale by supt. of docs ... 165
radio stations, chart ... 1069
Virgin Islands (British):
money-order post offices ... 129
Virgin Passage, chart ... 479
Virginia:
apples, marketing ... 862
bankruptcy rules ... 250
beef-cattle industry, factors affecting ... 862
bridge, *see* Staunton River.
census, 1930—
agriculture ... 958, 1031
population ... 222, 958, 1031
Corporation Commission—
cotton goods ... 113, 709
employees in Govt. appointed since 1918 ... 474
Federal aid highway system progress map ... 9
lands for parks, etc., to amend act—
hearings ... 653
minority views ... 653
report ... 653
Monacan towns, etc ... 354, 840
policing military roads out of D. C ... 32
postal service—
mail routes, schedules ... 130, 263, 350, 570, 836, 999, 1073
post route map ... 733
Virginia Agricultural and Mechanical College and Polytechnic Institute ... 862
Virginia Agricultural Experiment Station ... 862
Virginia Beach, Va., road to Kitty Hawk, N. C ... 33
Virginia Iron, Coal & Coke Co ... 553
Virginia-Lincoln Furniture Corporation ... 1061
Virginia Lumber Corporation ... 116
Virginia Polytechnic Institute, *see* Virginia Agricultural and Mechanical College and Polytechnic Institute.
Virginia State Horticultural Society ... 706
Virginian Railway:
extension ... 112
operation ... 899
rates on coal ... 176
Virus:
nature of filtrable viruses ... 355
see also Biological products.

Page

Visas, *see* Passports.
Visayan Islands, coast pilot, supplement 769
Viscera, thoracic and abdominal, transposition 140, 853
Viscous flow and surface films 485, 613
Visibility:
and ceiling in United States 90
measurements at Danzig 601
standard visibility function extension 775, 966
Vision, near, Jaeger's test types 851, 1084
Vit-O-Net Corporation 699
Vital force:
lingering dryad 355
Vital statistics, *see* Births—Death—Marriage.
Vitamins:
alfalfa as source of vitamin A 861, 945
antineuritic, assay 936, 1085
antineuritic, biochemical studies 456, 851
beef extract as source of vitamin G 4
corn and grain sorghums, vitamin A content 83
food materials 1023
meats and meat by-products, vitamin G 147, 149
menhaden fish oils, vitamin D 875
oats, vitamin A content 861, 945
prunes and apricots, drying, etc., effect 595, 758
sauerkraut, commercially canned 3, 83
source and value in diet 585
sugarcane juice and products 371, 373
sweetpotatoes high in vitamin content 86
Viteri Lafronte, Homero, el centenario de la República del Ecuador 193
Vitiligo case report 829
Vivaudou, V., Inc., Fed. Trade Comn. rp., etc. 240
Vivisection:
to prohibit experiments upon dogs in D.C.—
hearings 161, 793
minority views 398
report 31
Vocational Agricultural Students, National Congress of, *see* National Congress of Vocational Agricultural Students.
Vocational Association, *see* American Vocational Association.
Vocational Dairy Convention, American, *see* American Vocational Dairy and Poultry Convention.
Vocational education:
America's undeveloped resources 1044
coal-mine gases, technical information 1044
cooperation of Federal Govt. with States 797
extend provisions of law to Porto Rico—
estimate 846
hearings 398, 530
law 787
reports 398, 530, 630, 656
further development in States, etc.—
hearings 101, 675
reports 675, 793
lands in Ala. for educational use 404, 691, 782
physically handicapped children 800
teachers in D. C., salaries—
hearings 793
report 630
see also Technical education—*also* special subject, e. g., Agriculture.
Vocational Education Board, *see* Federal Board for Vocational Education.
Vocational guidance:
from school to work 340
manual for rehabilitation service 163
physically handicapped children 800
Vocational Poultry Convention, American, *see* American Vocational Dairy and Poultry Convention.
Vocational rehabilitation, *see* Rehabilitation of the disabled.
Vocational Rehabilitation, National Conference on, *see* National Conference on Vocational Rehabilitation.
Vocational training, *see* Vocational education.
Voegtlin, Carl:
effect of glutathione on cell 456, 850
glass electrode measuring pH of blood 203, 456
oxygen consumption of living cells 851
oxygen consumption of tissues 750, 935
Volatile acids, determination in sulphuric solutions 485, 776

Page

Volin, Lazar, cotton, sugar, etc., statistics 4
Vollbehr collection of incunabula:
exhibit of selected books 433
purchase, act authorizing appropriation 26
Voltages, high constant, etc., measurement 160, 303
Von, *see*, for other names preceded by "von," the name following the prefix.
Von Ruck, Karl, case of executors 56
Von Trebra, R. L., Labette Co., Kans., soil 761
Voting, *see* Woman suffrage.
Vouchers for payments for postal service 998
Vulcan Detinning Co 50
Vulcanite Portland Cement Co 40, 339, 888, 1061
Vulvovaginitis, gonococcus, biologic therapy 274, 456

W

W. L. Steed, steamship:
owner *v.* United States 123
Wa-xó-be rite, Osage tribe 198, 355
Wabash Portland Cement Co., cement 543
Wabash Railway:
bonds 47
easement over St. Charles Rifle Range 28, 33
rates on—
corn-starch 176
marble 180
meat 905
sand 548, 907
Wabash River, bridges 29, 519, 619
Waccamaw River, flood control 399
Wachtmeister, Beulah C., court case 121, 911
Waco, Beaumont, Trinity & Sabine Ry.:
receiver's certificates 318
receiver's notes 899
Wadena County, Minn., soil survey 761
Wadley Southern Ry., abandonment 247
Wadsworth, Peter R., discharging obligations 523, 615
Wages:
and their purchasing power, 1849–1929 432
farm laborers, perquisites and wages 466
foreign and domestic statistics 883
in—
airplane, etc., manufacture 560
cigarette manufacturing 724
foundries and machine shops 340
furniture industry 724
portland cement industry 724
slaughtering, etc., industry 990
textile dyeing and finishing 1062
woolen, etc., goods manufacture 254, 827
laborers and mechanics on public works—
hearings 643, 683
law 785
reports 643, 683
men on vessels of Commerce Dept 635, 666, 783
publications for sale by supt. of docs 699
railroad employees, class 1 steam roads 109, 169, 245, 316, 422, 703, 812, 895, 975, 1050
recent changes 190, 433
seamen on foreign vessels—
hearings 37
report 671
seamen's wages, payment 504
union rates in time-work trades 560
union scale, 1913–30 560
union scales, May 15, 1929 190
wages and hours of labor series 190, 340, 560, 724, 827, 990, 1062
women, in 13 States 990
see also Salaries.
Waggoner-Gates Milling Co., flour 815
Wagner, Adolph, Adolph Pilger *v* 602
Wagner Manufacturing Co 319
Wagons, rates on 119
Wahlenberg, W. G.:
Ceanothus brush on pine plantations 210, 286
fertilizers in growing forest material 151
Wahpeton Indians, *see* Santee Indians.
Waianae-Kai military reservation 130
Waidner-Burgess light standard (2 entries) 1038
Wainright, J. Mayhew (Representative from N. Y.):
reports made by—
Military Affairs Com 505, 644–645, 648–650
Waists, *see* Clothing.

Page

Waite, C. P.:
cellosolve vapors 272
dioxan vapors 139, 364
ethyl benzene vapors 202
ethylene oxide vapors 139, 272
vinyl chloride vapors 139, 456
Waite, Harry F., *v.* United States 252, 722, 844
Waite, W. B., weather's influence on plant diseases 88
Wakasa Wan, chart 258
Wakefield, Roberta P.:
canned foods in Asia, Africa, and Oceania 771
canned foods in Western Hemisphere 157
Wakefield, Va., monument and wharf 586
see also George Washington Birthplace National Monument.
Wakefield Memorial Bridge, *see* George Washington-Wakefield Memorial Bridge.
Walcott, Charles D., Burgess shale fossils 1077
Walcott, Frederic C. (Senator from Conn.):
report made by—
Wild-Life Resources, Special Committee on Conservation of 530
Walden Knife Co., court case 1061
Waldo, Charles G., case of executor 325, 723
Waldo, George F.:
everbearing strawberries 217
strawberry varieties in United States 764
Wales Island Packing Co 252, 696, 916
Walk-way materials, frictional coefficients 99, 232
Walker, A. G.:
phrenicotomy in pulmonary tuberculosis 585
tuberculous enteritis, correction of entry in June, 1930, catalogue 2
Walker, A. T., sodium thiosulphate in syphilis 61
Walker, Dow V., *v.* Alien Property Custodian 291
Walker, J. C.:
cabbage yellows 3, 88
onion diseases and their control 600
Walker, M. R., misrouting 713
Walker, N. P., influence of diet on epilepsy 936
Walker, Ralph L., relief 495
Walker, Warren R., patent appeal 483
Walker, Willard R., patent appeal 159
Walker-Gordon Laboratory Co., patent appeal 963
Walkowsky, Virginia, *v.* United States (cases 141–154) 53, 821
Wall, George W., relief 495
Wall board, *see* Pulp board.
Wall paper, rates on 184
Wallace, C. R., clerks, pulse rate readings 456, 851
Wallace, Thomas, relief 527, 615
Wallace Coal Co., coal 901
Waller, L. T., *v.* comnr. of internal revenue 431
Wallin, Emanuel, relief 655
Wallkill River, navigation, etc 854
Walls:
heat transfer through building walls 775, 964
rammed earth walls for buildings 8, 1026
requirements, masonry wall construction 881
Walnut orchards, boron in irrigation water 88
Walrath & Sherwood Lumber Co., lumber 49
Walsh, David I. (Senator from Mass.):
reports made by—
Finance Com 675
Naval Affairs Com 526, 687
Walsh, Thomas J. (Senator from Mont.):
paper presented by—
Flathead power development 44
reports made by—
Irrigation and Reclamation Com 681
Judiciary Com 38, 523
Public Lands and Surveys Com 691–692
Walter, Henry A., leases, ratification 500
Walter Reed Army General Hospital:
additional land—
hearings 33
report 506
Walters, Townsend, relief 20
Walthers, George C., relief 36
Walton, Charles S., & Co., Inc.:
quebracho 981
tanning extract 716
Walton, W. R.:
grasshopper control 865
how to detect outbreaks of grain insects 1022
Walvis Bay, chart 345
Wampler, Thomas M., *vs.* E. Lee Lecompte 449
Wanamaker, John, case of executor 558, 723

Page

Wanamaker, John (firm):
celluloid 969
tapestry 163
Wando River, chart 13
War:
equalize burdens and minimize profits 30
labor in China during civil wars (2 entries) 57
making war legally impossible, hearings 38
policies, hearings before commission 942, 1090
see also certain headings beginning Military—War—Wars—*also* names of wars.
War between the States, *see* Civil War, 1861–65.
War claims, *see* Claims.
War Claims Arbiter 853
patents and radio station award, payments 846
War Claims Committee, House:
hearings 34, 657, 796
reports 510–511, 657, 796
correction of personal name on p. 510 594
War College, Naval, *see* Naval War College, Newport.
War Department 77, 140, 204, 274, 366, 457, 586, 751, 853, 937, 1011, 1086
appropriations, 1931 and prior years—
supplemental estimates 743, 744
appropriations, 1932—
estimates 452, 847
hearings 491, 513
law 789
reports 491, 514, 621
assistant Secretaries, precedence 69
assistant Secretary, regulations 275, 751
certain expenditures, to allow 33
contracts, expiration date of act of 1928 29
duties, transfer to Veterans' Admin 352
relief to flood sufferers, to approve 525, 617
report, 1930 458
telephone directory 141, 752
useless papers 694
War Finance Corporation, report (in liquidation), 1929 846
War material, *see* Munitions.
War of 1812, National Society of Daughters of, *see* National Society United States Daughters of 1812.
War Policies Commission 942, 1090
hearings 942, 1090
War records, *see* Military records.
War risk insurance, laws 394, 966
see also Life insurance—Veterans' Bureau.
War savings securities 925, 1072
War-ships:
accounting numbers 127
alterations and repairs—
estimate for Navy Dept 846
hearing 657
law 789
reports 410, 508, 656
charts, etc., issued to vessels, catalogue 257
construction 508, 527
stability and damage control 726
syphilis problem on cruising ship 61
see also Submarine boats—*also* names of ships.
War with Spain, 1898:
pensions, to amend act of June 2, 1930 652
Quartermaster Corps hospitalization, etc.—
report 689
veto message 735
relief of volunteers held in P. I.—
hearings 657, 796
report 511
Ward, Artemus, exr. *v.* United States 307
Ward, B. F., false ball and socket joint case 366
Ward, Charles, Engineering Works 696, 825, 888
Ward, Charlotte M.:
cotton, sugar, and tobacco statistics 4
dairy and poultry statistics 84
fruit and vegetable statistics 4
grain statistics 4
miscellaneous agricultural statistics 84
statistics of cattle, hogs, sheep, etc 84
statistics of miscellaneous crops 84
Ward, R. T.:
New York, N. Y., district, rp 589
Porto Rico district, rp 589
Warden, John B.:
brain abscess 76
rectal fistula 140

Page
Ware Brothers Agency, bags 173, 977
Ware County, Ga., undulant fever 203
Wareham River, seed-oyster collection 295
Warehouse act:
amendments to sec. 4, 6, 8–12, 25, 29 and 30 660, 789
regulations for storing seeds 467
warehouse act as amended 863
Warfare, *see* War.
Warm Spring Bay, chart 295
Warm Springs Indians, claims 393
Warner, Mrs. Benjamin, relief 20
Warner, Donald K., relief 516, 792
Warner, K. F.:
beef production and quality 596
boning lamb cuts 1020
hog weight affects pork cuts 5
Warner, Sam B., criminal statistics in U. S. 828
Warner, W. S., cotton-gins 978
Warning agents for gases 387
Warr, Mrs. Herman M., relief 628, 665, 781
Warrants:
payment of Government warrants 201
Warrants Division, *see* Bookkeeping and Warrants Division.
Warren, George M.:
farm plumbing 289
farm water power 765
making cellars dry 1026
sewage and sewerage of farm homes 951
simple plumbing repairs in the home 378
Warren, Ohio, dam across Mahoning River 400
Warren & Ouachita Valley Ry 317
Warren Brothers Co., excavating machinery 544
Warren Cove, intake pipe 392
Warren Tool & Forge Co. *v.* United States 237
Warrenton quadrangle, Va 420
Warrior River Terminal Co.:
stock 899
switching charges 250
Wars, *see* War.
Wars other than Civil War:
pensions, H. R. 16626 508, 689, 780
pensions, H. R. 17262 652
Warships, *see* War-ships.
Warts on cattle 947
Warwick, R. I., school building survey, etc 700
Wasatch Plateau:
coal field 1048
grazing, cover influence on run-off, etc 763
Wasco quadrangle, Calif 167
Washakie National Forest, lands 529, 655, 789
Washburn, Edward W., empirical formula of hydrocarbon 230, 484
Washburn, Henry J., tuberculosis of hogs 467
Washburn, J. L., *v.* comnr. of internal revenue 339
Washburn, R. S., broomcorn growing, etc 152
Washburn, W. A., arsenicals in syphilis (2 entries) 61
Washburn Crosby Co., reconsignment 547
Washers, Federal standard stock catalogue 579
Washing materials 232
Washing-soda, *see* Soda (washing).
Washington, George:
additional sets of writings, printing, etc. 644, 682
correspondence with Comte de Grasse 883
George Washington—
an inspiration to American youth 1041
as a religious man 886
as President 885, 886
the builder of the Nation 885
the Christian 885
the colonial and national statesman 886
the farmer 804
the leader of men 885
the man of action 885
the man of mind 804
the man of sentiment 885
Washington and the Constitution 886
Washington and the Union 791
Washington's family relationships 804
Washington's frontier background 804
Washington's home making 885
Washington's homes 885
Washington's social life 885
Washington's youth and manhood 886
honor to George Washington series 804, 886
tributes to Washington 804
Washington, George—Continued.
200th anniversary of birth of—
appreciation course for normal schools 1041
change in design of quarter dollar 628, 787
clip sheets 804, 886, 967, 968, 1041
general newspaper release 39
programs 531
tree planting 803
Washington family year by year, 1183–1799 967
see also District of Columbia Commission for George Washington Bicentennial—George Washington Birthplace National Monument—George Washington Memorial Parkway—George Washington-Wakefield Memorial Bridge — Washington, George, Commission for Celebration of 200th Anniversary of Birth of.
Washington, George, Commission for Celebration of 200th Anniversary of Birth of 39, 531, 803, 885, 967, 1041
clip sheets 804, 886, 967, 968, 1041
tenure of Congressional members 789
Washington, Martha, home making 885
Washington, Mary B.:
mother of George Washington 886
Washington, D. C., *see* District of Columbia.
Washington Airport, Inc., court cases 558, 721, 915, 931, 1005
Washington Aqueduct and filtration plant 586
Washington Asylum and Jail:
G. Bryan Pitts *v.* superintendent 914
Lawrence W. Dodd *v.* superintendent 427
Washington Bicentennial Commission, *see* District of Columbia Commission for George Washington Bicentennial—Washington, George, Commission for Celebration of 200th Anniversary of Birth of.
Washington Building Lime Co., lime 179, 980
Washington Child Research Center, housing, etc 313
Washington County, Ga., bridge 27
Washington County, Ohio, soil survey 284
Washington County, Pa., bridge 638, 670, 786
Washington Navy-Yard:
regulations of navy yard and station 829
telephone system 435
Washington Run R. R., abandonment 899
Washington State:
census, 1930—
agriculture 958
population 384
retail trade 604
chart 94
coals, analysis 772
coast pilot, supplement 477
Federal aid highway system progress map 290
gold, silver, copper, lead, and zinc 96, 961
Indians, limit on fees to attorneys 616
Indians, present claims to Ct. of Cls 522
judge for western district 409, 682
lands—
transfer to control of Interior Dept 1076
withdrawal, revocation 352
withdrawn, lookout station 69
lighthouse reservation 1076
mail routes, schedules 732, 836, 1073
post route map 733
publications concerning, for sale 535, 1047
reservoir site reserve, modification 571
Trail Smelter reference 133, 267, 268
Washington State University, tests of coals 1035
Washington-Wakefield Memorial Bridge, *see* George Washington-Wakefield Memorial Bridge.
Washougal Slough, *see* Camas Slough.
Wason, Edward H. (Representative from N. H.):
reports made by—
Appropriations Com 491
Conference Com 620
Useless Executive Papers, Joint Select Committee on Disposition of 410, 530, 694, 803
Wasps, sphecoid, of genus Didineis Wesmael 265
Wassaw Sound, chart 770

Page

Wasserman, Philip, Fed. Trade Comn. rp., etc. 239
Wassermann reaction:
in private practice of obstetrics 76, 274
positive, significance in leprosy 936, 1085
Waste, *see* By-products.
Waste Material Dealers Association of Arkansas, iron 115
Waste-paper receptacles, stock catalogue 270
Waste papers, *see* Executive Departments—*also* names of Departments, etc., to which papers belong.
Waste products, *see* By-products.
Watauga County, N. C., soil survey 761
Watchmen's-report-apparatus, stock catalogue 933
Water:
airplane hangar fire control by water 381
analysis, methods compared (2 entries) 1066
conserve run-off or flood waters 792
contributions to hydrology, 1929 107
drinking water standards 1084
freezing point, altitude in atmosphere 952
heat of formation of water 485, 776
heat of ionization of water 964
hot-water treatment of daffodils 8, 1025
measurement of sea water salinity 160, 303
requirement of crop plants and weeds 757, 868
softeners, bibliography to 1930 481
table water, standard stock catalogue 1083
thermal properties, saturated water 99, 231
see also certain headings beginning Water.
Water (underground):
ground water supply of Mimbres Valley 701
resources of Sandoval County, N. Mex 892
Water borne commerce, *see* Commerce.
Water colors:
by Henry Bacon, catalogue 840
by W. S. Bagdatopoulos, catalogue 355
Water Commission, U. S. and Mexico, *see* International Water Commission, U. S. and Mexico.
Water pollution:
amend oil pollution act, hearings 33
natural purification studies 75 (2 entries), 273, 456, 750, 851, 936, 1010 (2 entries)
of Illinois River, study 583
plankton in rel. to polluted streams 584
Water-power:
farm water power 765
of—
McKenzie River, etc., resources 810
Umpqua River, resources 107
publications for sale by supt. of docs 972
report of Fed. Power Comn., 1930 415
rules, etc., for administration of act 889
surveys 589
see also Electric power.
Water Power Commission, *see* Federal Power Commission.
Water purification:
of Illinois River, study 583
plankton in rel. to stream purification 584
studies in natural purification 75 (2 entries), 273, 456, 750, 851, 936, 1010 (2 entries)
weather conditions as factors, Detroit 379
Water resources, *see* Water-supply.
Water Standards Advisory Committee, *see* Advisory Committee on Official Water Standards.
Water street, upper, D. C., to close portion 629
Water-supply:
drought and water supply in Ohio Valley 473
publications for sale by supt. of docs 890
resources of Sandoval County, N. Mex 892
resources of Umpqua River 107
surface water supply—
Atlantic basins 419, 892
Colorado River basin 537
Great Basin 107, 243
Gulf of Mexico basins 243, 419
Hawaii 166, 243
Hudson Bay basin 810
Mississippi River basins 243, 810
Missouri River basin 243
Ohio River basin 243, 892
Pacific slope basins 43, 107, 537
St. Lawrence River basin 537
San Joaquin River basin 107

Page

Water-supply—Continued.
water-supply papers 43, 107, 166, 243, 419, 537, 701, 810, 892
see also names of towns, cities, etc.
Water-tenders, Navy training courses 343
Waterloo, Cedar Falls & Northern Ry., iron 49
Waterloo Distilling Corporation 56, 431, 558
Waterman, Alma M., rose diseases 1025
Waterman, Charles W. (Senator from Colo.):
reports made by—
Naval Affairs Com 526
Patents Com 689
Watermelons:
article by W. R. Beattie 289
rates on 119, 322, 818
Waterproofing-material, stock catalogue 848
Waters, H. J., grading up beef cattle 372
Waters, James F., Inc., *v.* United States 339, 969
Waters between U. S. and Canada, International Joint Commission on, *see* International Joint Commission on Boundary Waters between U. S. and Canada.
Watkins, Lewis H., Chattanooga, Tenn., dist., rp 587
Watson, Charles P., patent appeal 160
Watson, James E. (Senator from Ind.):
paper presented by—
Federal commissions, committees, etc 58
report made by—
Finance Com 37
Watson, Kent A., *v.* United States 253
Watt, A. L., ice well for dairy farm 598
Watters-Tonge Lumber Co., misrouting 180
Watts, H. C., milk inspection 1011
Waud, Ernest P., exr., *v.* United States 719, 887
Waukegan Harbor, chart 143
Wausau Sulphate Fibre Co 123, 969
Wave lengths, electromagnetic, units used to express 484
Wax:
floor, specifications, etc 747
sealing, Fed. standard stock catalogue 270
Way, E. I.:
motion pictures in China 225
motion pictures in Mexico, etc 877
Wayland Special Road District, bridge 500, 667, 783
Wayne, Fort, exchange of land 650
Waynesboro, Ga.:
Citizens Bank—
Gabriel Toombs *vs* 359
Ways and Means Committee, House:
anthracite industry of Soviet Russia 796, 931
calendar 101, 796
coal field labor in Soviet Russia 796
hearings 34, 657–658
reports 404, 657–658
tariff acts of 1913, 1922, and 1930 233
Weak foot 751
Weapons, cavalry, Army extension courses 276
see also Arms.
Wearing apparel, *see* Clothing.
Weart, D. L., Savannah, Ga., district, rp 589
Weather:
abnormalities in United States 153, 219
aviation weather hazards 153
conditions, airways observers 765
conditions, factors in water filtration 379
cotton production 90
daily weather map 10, 90, 153, 219, 291, 380, 473, 602, 766, 871, 952, 1028
dominated by solar changes 736
effect on apple yields 952
fire weather—
comparisons, 1929 fire weather 379
disastrous fire weather, 1929 379
fire weather and fire climate 379
influence on plant diseases 88
monthly weather review 9, 90, 153, 219, 290, 379, 473, 601, 766, 870, 952, 1027
index, etc., v. 58 1027
supplement 219
observing at Mt. Evans, Greenland 1027
publications for sale by supt. of docs 809
radio information—
aids to navigation 257
broadcasting stations, north Atlantic 68, 192, 258, 729, 833

Page

Weather—Continued.
radio information—continued.
broadcasting stations, Pacific Ocean 63, 127, 192, 259, 729, 833
daily maps at sea, U. S. S. Arkansas 728, 729
navigation on Great Lakes 871
vessel weather code 952
recurrences and cycles 766
Tulare Lake, contribution to history 219
United States, 1930 766
warm-weather trends as shown by graphs 601
weather and corn yields 1027
weather outlook 10, 90, 154, 220, 291, 380, 473, 602, 766, 871, 952, 1028
weekly weather and crop bulletin 10, 90, 153, 219, 291, 379, 473, 602, 766, 871, 952, 1027
see also Climate—Meteorology.
Weather Bureau 9, 90, 153, 218, 290, 379, 472, 601, 765, 870, 951, 1027
article on 1028
beginnings, new light from Lapham papers 952
publications, price lists 219, 379, 766
report, 1929–30 601
see also Marvin, C. F.
Weather forecasting:
predicting minimum temperature 90
seasonal, and meteorology 766
Weather outlook, *see* Weather.
Weaver, F. P., marketing apples 862
Webb, J. L., cotton or weevils 374
Webb, U. R., relief 20
Webber, R. T.:
parasitic fly of genus Chaetophlepsis 840
revision of tachinid flies 447
Weber, H. C., simulated deafness 829
Webs, plywood, for airplane wing beams 1064
Webster, Edward J., relief 650
Webster, James E., phosphorus content of mung bean 465, 466
Wedlake, Elizabeth A., *v.* United States 969
Weed & Brother *v.* United States 339
Weeds, water requirement in Great Plains 757, 868
Weekly cotton region bulletin, *see* Cotton.
Weekly list of Government publications, *see* Government publications.
Weekly survey of foreign trade, *see* Commerce, commerce reports.
Weekly weather and crop bulletin, *see* Weather.
Weeks, W. C., 1st Chicago, Ill., district, rp 587
Weeks Super Carburetor Co. *v.* United States 123, 237
Weevils:
conserving corn from, in Gulf States 948
in beans and peas 6
see also names of weevils.
Wehmhoff, B. L.:
evaluation of kraft paper 808
news ink and newsprint 971
pH values, etc., in paper 311
Wehr, Everett E.:
nematode worm from belted kingfisher 1077
nematode worm from sage grouse 1077
Weiant, Andrew S., guinea fowl 467
Weick, Fred E.:
charts for aluminum alloy propellers 59, 1064
cowling for radial air-cooled engine 59
gearing, effect on propeller interference 1064
propeller tests 1064
Weigel, C. A., insects injurious to greenhouse plants 1022
Weighing charges at New Orleans, La 184
Weight, insulin as producer in tuberculosis 1086
Weightman, R. Hanson, line-squalls 126
Weights and measures, standards, publications 891
see also Measuring instruments—Scales (weighing instruments)—*also* names of articles, etc., weighed and measured.
Weights and Measures, Conference on, *see* National Conference on Weights and Measures.
Weights, Measures, and Markets Dept., D. C., report, 1930 414
Weil, Arthur, *vs.* Government of Canal Zone 66
Weinstein, Samuel, relief 495
Weiser, Conrad, memorial 686
Weissbaum, G., & Co., *v.* United States 339, 1043

Page

Weissbaum, Gustave, *v.* United States 339, 1043
Welch, Richard J. (Representative from Calif.):
report made by—
Labor Com 643
Welch Flour & Produce Co., misrouting 816
Welch Grape Juice Co., grape juice 904
Welded joints, strength for aircraft 60, 1064
Welded shelf-angle connections 230, 391
Welders' equipment, standard stock catalogue 745, 746
Welding compound, ordnance nomenclature list 278
Welding equipment, safety rules, navy yards 730
Weldon Springs, Mo., bridge 638, 670, 786
Welek, C. F., & Co., buckles 1044
Welfare Council of New York City, seamen with venereal disease 76
Weller, Royal H., memorial services 487
Wellman, Charles P., patent appeal 611
Wells, John W., case against exrs 134, 359, 825, 930
Wells, Lennie, patent appeal 229
Wells, pumping from, for irrigation 472
Wemme, E. Henry, Co 291
Wenatchee Lake reservoir, Executive order 571
Wenger, O. C., syphilis among Negroes of Pitt County, N. C 365, 584
Wenner, Frank:
measurement of sea water salinity 160, 303
nuts and bolts, electric resistance 160, 390
Wensel, H. T.:
freezing point of nickel 391, 485
freezing point of platinum 1038
Waidner-Burgess light standard (2 entries) 1038
Wenzinger, Carl J.:
pressure distribution over wing model 726
rolling moments due to rolling and yaw 992
wind tunnel tests on wing models 59
Werking, Leroy C., patent appeal 388
Wertz, Ralph E., relief 20
Wescoat, Richard T., United States *v.* 558
Wessel, Samuel, exrs. *v.* United States 723
West, Fred, Fed. Trade Comn. rp., etc 239
West, H. B., intracranial tumor, glioma 203
West, Helen S., *v.* United States 123, 339
West, Walter S., relief 508
West, William F., *v.* United States 123, 339
West (U. S.):
ancient life forms in western rocks 839
ceiling and visibility in Pacific States 90
citrus fruit growing in the Southwest 287
citrus tree pruning in the Southwest 289
commercial survey of Pacific Southwest 225
dry goods distribution in Gulf Southwest 607
flies, collecting in the West 840
grain, handling in Pacific Coast States 862
irrigation-district statutes, summary 600
monument commemorating 1st settlement 38
National Home for Disabled Volunteer Soldiers 27
petroleum industry of Gulf Southwest 877
potato production in the far West 289
publications on Pacific States 535, 1047
rye growing in western half of U. S 868
surface water of Pacific slope basins 43, 107, 537
West Berne Telephone Co., acquisition 977
West Coast Lumbermen's Association, sashes 907
West Construction Co., road-rollers 548
West Indies:
chart 437
coast pilot, supplement 223
explorations for mollusks 840
lights, etc., on coast 920
pilots, supplements 832
West Jefferson Home Telephone Co 542
West Jersey & Seashore R. R., control 112, 173
West Kentucky Coal Bureau., coal 901
West Leechburg Steel Co., *v.* United States 339
West Point, Ga., Government building site 29
West Point, N. Y., *see* Military Academy, West Point.
West Point Iron Works, lumber 424
West Virginia:
apples, marketing 862
bridges across streams and rivers 641, 672, 789
census, 1930—
agriculture 874, 958
population 222, 958
unemployment 958
district court, 3d district 682

West Virginia—Continued. Page
Federal aid highway system progress map 379
Geological Survey—
soil survey of Hampshire County 864
mail routes, schedules 130, 263, 350, 570, 836, 999, 1073
post route map 733
timbering regulations in coal mines 388
West Virginia Agricultural Experiment Station, beef production 596
West Virginia Brick Co.:
bricks 707, 1053
fire-brick 979
West Virginia Midland Ry., abandonment 318
West Virginia Northern R. R., excess income 317
West Virginia Pulp & Paper Co., paper 116
West Virginia University:
College of Agriculture—
apples, marketing 862
Western Asphalt Paving Corporation, sand 183
Western Carolina Shippers' Association 1057
Western Cartridge Co., *vs.* secretary of Ill 200
Western Cherokee Indians, *see* Cherokee Indians.
Western Elaterite Roofing Co., paving-joints 117
Western Electric Co., Inc., relief 495, 496
Western Hemisphere, canned food 157
Western Indiana Gravel Co., sand 321
Western Maryland Ry.:
abandonment 813
coal traffic with Pennsylvania R. R 708
rates on coke 176
valuation 425
Western New York & Pennsylvania Ry.:
acquisition 1053
control 173
Western Pacific California R. R., construction 900
Western Pacific R. R.:
bonds 248, 318
debentures 542
purchase of lands in Nevada 789
Western Purchasing Co., tallow 716
Western Tanning Co 699
Westgate, Lewis G., Wood River region, Idaho 43
Westinghouse Electric & Manufacturing Co.:
iron 178
v. Federal Radio Comn 309
Westover, H. L.:
commercial varieties of alfalfa 1024
utilization of alfalfa 763
Westveld, Marinus:
pulpwood lands in the Northeast 866
spruce stands in the Northeast 375
Wetmore, Alexander:
afield with birds of northern Spain 840
avifauna of Pleistocene in Florida 928
birds of Haiti and Dominican Republic 928
canaries, their care and management 1021
cruise of Esperanza to Haiti 840
see also National Museum.
Wetzel, Rudolf:
ancidostomine worm from anserine birds 840
new species of trematode worm 265
Weyl, Bertha P., *v.* comnr. of internal revenue 558
Weymouth, A. Allen, mollusks from Aspen shale 737
Weymouth, F. W.:
age and growth of Pacific cockle 770
Pacific razor clam 607
Whales:
ancient relatives of living whales 840
conservation, hearing 1041
Wharfage charges:
at Atlantic and Gulf ports 1059
case of Corso & Lo Bianco 818
case of Southern Transportation Co 976
Wharton, W. R. M., food, etc., tested at ports 214
Wharton & Northern R. R 548
What's new in agriculture 946
Wheat:
black stem rust spreads from barberries 210, 376
classes and varieties, distribution 765
feeding to livestock 148
feeding value, practical experiences 309
futures, prices, etc., 1921–29 376
genetic characters, etc 3, 148
germinated, helps flour when blended 6
growth, etc., influence of seeding time 861, 950
harvest hands needed soon, poster 989
hybrids, and back crosses 861, 950
hybrids, bunt resistance 861, 950

Wheat—Continued. Page
inheritance, H-123×Odessa and Kanred 861, 946
inheritance, Minhardi and H-44 wheats 765
milling, etc., qualities of world wheats 283
rates on 549, 716, 818, 982
surplus, distribution for relief—
hearing 406
report 513
winter wheat—
adapted to eastern U. S 765
culture in eastern U. S 217
hardiness and yield 377
yield and soil moisture 209, 282
world wheat outlook, 1930 84
Wheat jointworm and its control 285
Wheatland area, Wyo., soil survey 150
Wheeler, Burton K. (Senator from Mont.):
reports made by—
Agriculture and Forestry Com 512, 797
Indian Affairs Com 522, 678–680
Wheeler, Clifton F.:
conservatism plea in dental treatment 853
tuberculous ulcer of mouth 274
Wheeler, Edward B., relief 693
Wheeler, G. A.:
influence of diet on epilepsy 936
lard, etc., blacktongue preventive 138
Wheeler, John A., band spectra of monoxides 881
Wheeler, Walter H., Flathead power sites 234
Wheeler Lumber Bridge & Supply Co.:
misrouting 425
vs. United States 72
Wheeling & Lake Erie Ry.:
rates on piling 714
valuation 250
Wheeling Mold & Foundry Co. of Delaware 237
Wheeling Steel Corporation 413, 888
Wheelock, William W., receiver, grain 711
Wheels:
airwheel tests 1064
buffing, full disk 484
rates on 549
safety code for abrasive wheels 560
Whetzel, H. H., ginseng diseases 8
Whipple, Daniel, relief 403
Whipple, Dorothy V., oxygen consumption by oysters 479
Whirlwind engine, *see* Engines.
Whitacre-Greer Fireproofing Co 545
Whitaker, L. W.:
facial paralysis 140
multiple fractures of facial bones 585
Whitaker, Laurence E., patent appeal 390
Whitcomb, Emeline S., home-economics education 241
Whitcomb, W. D., codling moth 865
White, A. E., to credit account 781, 799
White, Catherine, relief 23
White, Clinton R., *v.* George E. Q. Johnson 431, 576
White, E. B., census of manufactures, 1927 92
White, E. C., meningo-encephalitis 61
White, Elizabeth, case of executor 916
White, Herbert E., patent appeal 880
White, J. Du Pratt, *vs.* Sparkill Realty Corp 448
White, James L., *v.* United States 339, 1043
White, Mabel P., *v.* U. S. (cases 141–154) 53, 821
White, Oscar, cattle 543
White, P. J., *v.* George C. Hopkins 330
White, Robert J., relief 652
White, T. Morris, relief 516, 628, 782
White, T. P.:
diseases, etc., of swine 283
hog-cholera control 5
White, Wallace H., jr. (Representative from Me.):
report made by—
Merchant Marine and Fisheries Com 644
White, Walter N., water of Mimbres Valley 701
White, William, making butter on farm 373
White, William A.:
articles on—
Das Es 974
dealing with crime problem 974
language of psychoses 108
mental disease, social significance 108
mental hygiene movement 974
psychiatry and social sciences 974
editor of St. Elizabeths Hospital bul 108, 974
see also St. Elizabeths Hospital, report.

Page

White, William H.:
melon aphid and its control 598
White, William R., *v.* United States 431
White & Wells Co. *v.* comnr. of internal rev 988
White ants, *see* Termites.
White Brass Casting Co. *v.* United States 237
White Eagle Oil & Refining Co., gasoline 114
White Earth Reservation, sale of lands 510, 522, 617
White federation wheat, *see* Wheat.
White House Conference on Child Health and Protection:
child labor recommendations 1062
committee on milk production, etc., report 936
Conferencia en la Casa Blanca sobre la salud y Protección de la Infancia 923
President Hoover's address at opening 351
White-lead, standard stock catalogue 361
White Mountain Apache Reservation, ruins 265
White-pine blister rust, *see* Blister rust.
White Pine Telephone Co., acquisition 47
White-pine weevil, nema associated with 3, 152
White River:
bridges in Missouri 642, 672, 673, 789
power site restoration no. 447 263
White River Railroad, Inc 248
White River Ute Indians, payment for lands 619
Whitehead, E. L., cancer as Federal problem 1066
Whitehouse, Sybil, court case 359, 558, 930
Whiting, Flora E., patent appeal 229
Whitlock Coil Pipe Co 56, 123, 413, 431, 888
Whitman, Clarence, *v.* comnr. of internal rev 988
Whitman & Knauth, Inc., agent, fee 843
Whitney, L. M., Fed. Trade Comn. rp., etc 698
Whitney Sales Co 698
Whitney Sporting Goods Co., clay pigeons 814
Whitright, William, to reimburse 615, 680
Whitsett quadrangle, Tex 702
Whitson, Merritt, Manitowoc County, Wis 947
Whittall, M. J., Associates, Ltd., *v.* U. S 989, 1043
Whittemore, H. L.:
compressive tests of jointed columns 612, 775
dome of Natural History Building 612, 776
stress in welded steel pedestals 230, 486
tests of bases for subway columns 160, 301
welded joints for aircraft 60, 1064
welded shelf-angle connections 230, 391
Whole child, reading course for parents 972
Wholesale Dry Goods Institute 296
Wholesale prices, *see* Prices.
Wholesale trade:
census of distribution—
Baltimore, Md 873
Chicago, Ill 954
Cincinnati, Ohio 768
El Paso, Tex., etc 476
Los Angeles, Calif 768
Milwaukee, Wis 874
San Francisco, Calif 769
dry goods distribution problems 296
Wiancko, A. T.:
management of Hancock Co., Ind., soils 149
management of Putnam Co., Ind., soils 6
Wichita, Kans.:
airway maps 92, 381
designated customs port of entry 264
switching charges 818
Wichita & Midland Valley R. R 44
Wichita Falls Chamber of Commerce 47
Wichita Indians, burial sites, to purchase 634, 680
Wichita National Forest and Game Preserve:
improvement and extension 661
memorial of Izaak Walton League 693
Wichita Reservation, cemetery reserves 634, 680
Wickens, D. L., agricultural statistics 84
Wickersham, George W., address on problem of law enforcement 992
Wickersham Commission, *see* National Commission on Law Observance and Enforcement.
Wickes Boiler Co., bricks 543
Wickstrom, O. W., retroperitoneal reticulum cell sarcoma 1066
Widlar Food Products Co., dillweed 176
Widmayer, Edward, refrigeration 182
Widows, *see* Pensions.
Wiebe, A. H.:
culture of black bass, etc 156
plankton production in fish ponds 95
survey of Blue River 770
Wiebe, G. A., covered-smut infection in oats 210, 288

Page

Wiecking, E. H.:
farm real estate situation, 1929-30 282
miscellaneous agricultural statistics 84
Wife of native-born World War veteran 25
Wight, Alexander E., tuberculosis in live stock 372
Wigington, J. T., uses of cotton plant products 759
Wilbanks & Pierce, Inc., dredging machinery 544
Wilborn, Carrie, Edward Eliason, etc., *vs.* 200
Wilborn, Charles, Edward Eliason, etc., *vs.* 200
Wilbur, Ray L., *see* Interior Department.
Wilbur-Suchard Chocolate Co 187, 200, 1005
Wilby, F. B., Memphis, Tenn., district, rp 588
Wilce, T., Co., court case 316
Wilcox, John, jr., relief 23
Wilcox, R. B., diseases of raspberries, etc 289
Wild, H. J., 2d Chicago, Ill., district, rp 587
Wild animals, *see* Animals—*also* names of animals.
Wild duck foods:
eleven important foods 760
foods of North Dakota lakes 760
errata 947
Wild grasses hosts of Hessian fly 1022
Wild life:
conservation—
hearing 792
reports 530, 622
Wild-life refuges, administration, laws, etc 212
see also names of refuges.
Wild Life Resources, Special Committee on, Senate:
hearing 1041
report 530
Wilder, L. C., Philippine Islands coast pilot 12
Wilder Ferry, bridge 27, 637
Wildermuth, Robert:
soil, surveys—
Kent County, Mich 5
Rankin County, Miss 761
Wildermuth, V. L., chalcid control in alfalfa 1022
Wildwood & Delaware Bay Short Line R. R 173
Wile, Udo J.:
bismuth in treatment of syphilis 937, 1086
cutaneous, etc., relapse in syphilis 852, 1011
Wiles, William L., relief 686, 782
Wilke, Ernestine L., study of unemployed men who applied at Boston agency 189
Wilkerson, Louis A., *v.* United States 431
Wilkes, Gordon B., artificial cold 354
Wilkie, John B., laundry winter damage 880, 1038
Wilkinson, M. H., liver feeding in osteitis fibrosa 585
Wilkinson, Meta S., relief 23
Wilkinson County, Ga., bridge 27
Will Mayfield College, coal 708
Willacy County, Tex., transfer judicial dist 24
Willamette River:
channel from Portland to Springfield 673
examination, Oregon City to Portland 855
improvement, Oregon City to Portland 673, 795
Willapa Bay and River, chart 94, 1033
Willard, H. F., Mediterranean fruit fly 214
William Jennings Bryan Memorial Association 30
Williams, Arch. B., map of Granada, Nicaragua-Costa Rica 753
Williams, Arthur P.:
management of corn-growing enterprise 103
management of cotton-growing enterprise 103
teaching vocational agriculture 103
Williams, B. H.:
soil surveys—
Hampshire County, W. Va 864
Montgomery County, Ala 86
Williams, C. L., fumigants 1010
Williams, Clyde D., mortality statistics, 1928 293
Williams, Daniel R., Philippine independence 797
Williams, George W., case of executors 237
Williams, Georgia, *v.* comnr. of internal rev 330
Williams, Harry, alias, *see* Reilly, Charles F.
Williams, Ichabod T., & Sons, mahogany 546
Williams, Ida B., *v.* comnr. of internal rev 250
Williams, J. H., & Co. *v.* United States 888
Williams, J. O.:
breaking and training colts 211, 947
breeds of draft horses 372
breeds of light horses 283
farm horseshoeing 596
farm work horses, care and management 1020
feeding horses 759
silage for horses and mules 213
Williams, J. Walter, *v.* United States 559

Page
Williams, John F., relief 665, 782
Williams, Mildred L., relief 615, 686
Williams, Paul M., admx of Owen P. Smith *vs.* 1004
Williams, R. C.:
meningococcus meningitis 75, 273
proposed morbidity reporting area 139, 364, 1010
Williams, Tom A., simulation 829
Williams, W. C., jr., relief of widow 615, 686
Williams, W. Oscar, *v.* comnr. of internal rev. 330
Williams, Walter, alias, *see* Williams, J. Walter.
Williamsburg, Va. *see* Colonial National Monument.
Williamsburg Holding Corporation 174
Williamson, B. T., relief 516, 782
Williamson, Ben (Senator from Ky.):
reports made by—
Military Affairs Com 685, 802
Williamson, James, relief 655, 782
Williamson, William (Representative from S. Dak.):
reports made by—
Expenditures in Executive Departments Com 497
correction of one entry 594
Indian Affairs Com 499–500, 632–634
Williamson-Halsell-Frasier Co., beans 248
Williamson Veneer Co., logs 816
Williamsport & North Branch Ry 903
Willige, Lena, sick list designations 256
Willing, Wildurr, St. Paul, Minn., district, rp. 589
Willingham Loan and Trust Co 559, 844
Willis, Bailey, article on Thomas C. Chamberlin 353
Willis, M. L., relief 23
Wills Point, Tex., relief of National Bank 496
Willson Brothers Lumber Co., lumber 115
Willys Corporation, receiver *v.* United States 308
Wilmarth, M. Grace, geologic units of Calif. 700
Wilmer, Ala., bridge 500, 616, 667
Wilmington, Del., rivers, etc., in district, rp. 590
Wilmington, N. C.:
Murchison National Bank—
v. Gilliam Grissom 913
rivers, etc., in district, rp 590
Wilshire Oil Co., Inc., court case 339
Wilson, C. V., beef production and quality 596
Wilson, Edward, relief 650
Wilson, George G., international law situations. 727
Wilson, H. L., establishing cheese factory 150
Wilson, James W., United States *v* 916
Wilson, John L., grain statistics 4
Wilson, Lester L., relief 628, 782
Wilson, Lucy L. W., el nuevo programa educativo de Chile 346
Wilson, M. C.:
extension methods and their effectiveness 761
relative costs of extension methods 948
Wilson, Matilda R., trustee, court case 1009
Wilson, Ray, relief 23
Wilson, Robert, shelter belts on Great Plains. 1026
Wilson, Thomas R., banking system in France 479
Wilson, Woodrow:
as President of United States—
address to Congress, Dec. 2, 1918 199
Wilson & Co., Inc., coal 902
Wilson Dam, surplus hydroelectric power sold. 458
Winchester Manufacturing Co 413, 825
Wind, *see* Winds.
Wind Cave National Park:
extension of boundaries 655, 693, 789
general information circular 702
Wind tunnels:
measurements, effect of turbulence 1064
open-throat, air flow investigation 59
tests—
airfoil, jet boundary corrections 342, 1065
data on commonly-used wing sections 59
large airfoils 60
propellers 1064
ring type engine cowls, Douglas XO-14. 1013
series of wing models 59
Windes, E. E., la escuela rural agrícola elemental 439
Window curtaining 216
Window shades:
specifications, etc 747
standard stock catalogue, shade cloth 452

Page
Winds:
airplane landings in gusty winds 871
northers of Central American region 345, 437, 566
percentage frequency summaries 63, 127, 192, 258
pressure on cylinders and chimneys 160, 303
pressure on model of mill building 881, 1039
see also Storms.
Winecoff, Clarence L., *v.* United States 696, 989, 1043
Wings, *see* Airfoils.
Winkler, Isaac, & Brother Co 340
Winn, W. S., low water in Kentucky River, 1930 473
Winnebago Indians, music 840
Winooski River, navigation, etc., rp 1013
Winslow, Mary N., health of women in industry 917
Winslow, Samuel, Skate Manufacturing Co 102
Winter:
in Manitoba, relation to spring in U. S 153
laundry winter damage 880, 1038
soil temperatures, rel. to insects 209, 466
temperature and precipitation, relation 871
Winter Haven, Fla., sewer-pipe 715
Winter legumes for green manure 868
Winter play suits 216
Winter wheat, *see* Wheat.
Wintering steers in Great Plains 85
Wintermeyer, W. E.:
proved dairy sires 468
purebred dairy sires 285
Winters, W. W., multiple sclerosis 274
Winterville quadrangle, Me 1049
Winyah Bay, chart 1033
Wire:
brass, standard stock catalogue 270
differences in production costs 739, 1006, 1080
duty on Fourdrinier and cylinder wires 927, 1080
rates on 50, 119
woven-wire fencing and netting—
differences in costs of production 739, 1006
proclamation increasing duty 734, 1006
standard stock catalogue 270
Wire cloth:
differences in production costs 1080
duty, proclamation increasing rate 927, 1080
Wire glass, rates on 425
Wire lines, *see* Telegraph—Telephone.
Wire netting, *see* Wire.
Wire rope:
American marine standard 100
installations, instructions for design 60
Wire tapping in law enforcement 631
Wire Wheel Corporation of America 56, 340
Wirebounds Patents Co 844
Wireless, *see* certain headings beginning Radio.
Wireless Telegraph & Communication Co 103
Wireworm:
destructive to cereal, etc., crops 762
in Pacific Northwest 598
Wirz, Charles C. J., relief 18
Wiscasset, Waterville & Farmington Ry 423
Wisconsin:
census, 1930—
population 294, 959
unemployment 1031
Federal aid highway system progress map. 870
Geological and Natural History Survey—
Manitowoc County soil survey 947
Sauk County soil survey 150
mail contracts 349
post route map 733
Wisconsin Agricultural Experiment Station 8
Wisconsin avenue, in D. C., widening 616
Wisconsin Bridge & Iron Co., iron 711
Wisconsin Central Ry. *v.* United States 237
Wisconsin National Life Insurance Co 237
Wisconsin University:
College of Agriculture—
Manitowoc County soil survey 947
Sauk County soil survey 150
Wissman, Jackson D., relief 23
Wiswell Creamery Co., ice-cream 115
Witherow, Grace A.:
foreign trade of U. S., 1929–30 157
foreign trade of U. S., 1930 876

Page

Witherspoon, J. K., admr., United States *v*. 337
Witnesses, subpœna by internat. tribunals 26
Witry, Louis W., *v*. United States 306
Witt, Helen R., appointment 735
Wittenburg, A. H., *see* Mission Hosiery Mills, Inc.
Wittig, George F., electrical industries, 1927 221
Wizard, Inc., mop handles 49
Wofford, G. T., court case 253, 916
Wohl, Alfred, *v*. Gobbs and Conover 1022
Wolf, Frank, *v*. comnr. of internal revenue 122
Wolf trapping 5, 597
Wolfanger, Louis A., soil, Franklin Co., Nebr. 761
Wolfe, Grace G., *v*. Secretary of War, etc. 916, 989
Wolfe, Thomas L., *v*. Secretary of War, etc. 916, 989
Woltman, Harvey H., United States *v*. 308, 431
Wolverton, Charles A. (Representative from N. J.):
reports made by—
Interstate and Foreign Commerce Com 636
Wolverton, John M. (Representative from W. Va.):
report made by—
Military Affairs Com 647
Woman, *see* Women.
Woman suffrage:
documents and debates relating to 809
qualification for voters in Hawaii 25
Woman's Board of Home Missions of Presbyterian Church in United States of America, lands 29
Womelsdorf, Pa., memorial to Conrad Weiser 686
Women:
annual physical examination 1014
citizenship, etc., of married women—
consular regulations, art. 10 amended 1000
hearings 632
laws 25, 29, 786, 1078
reports 632, 791
employment trends of workers 57
equal rights, hearing 801
health problems in industry 917
in Florida industries 254
in Hawaii pineapple canneries 433
industrial accidents to women 341
laundries and their women workers 190
publications for sale by supt. of docs 699
ratio of children to women 954
statue in honor of patriotic women 682
wages, in 13 States 990
wife of World War veteran to enter U. S. 25
see also Mothers—Woman suffrage.
Women's Bureau 190, 254, 341, 433, 827, 917, 990
activities 990
fact finding 827
report, 1930 433
Women's University Club of City of New York *v*. United States 413, 723, 1043
Wood, Alan, Iron & Steel Co., iron ore 545
Wood, Donald H.:
airfoils in propeller research tunnel 60
tests of propellers at high tip speeds 1064
wind tunnel tests of propeller 256, 1064
Wood, Henry A. W., patent appeal 229
Wood, Henry S., relief 628
Wood, L. F., influence of diseases upon psychoses 585
Wood, William R. (Representative from Ind.):
reports made by—
Appropriations Com 395–396, 490–491, 623
Conference Com 30, 393, 488, 619, 621, 790
Wood:
air seasoning of wood 7
aircraft woods, their properties, etc 255, 1064
Alaska, distribution and properties 763
Federal standard stock catalogue 579
gluing 470
gluing in aircraft manufacture 215
moisture excluding coatings 215
publications for sale by supt. of docs 808
rates on 543
strength properties, comparative 216
why some surfaces hold paint longer 216
see also Lumber.
Wood-alcohol:
agreement of Mines Bur. and methanol manufacturers 1028
rates on methanol 180

Page

Wood-alcohol—Continued.
thermal properties of methyl alcohol 965
see also Alcohol (denatured).
Wood flour:
costs of production 739, 1007
proclamation decreasing duty 736, 1007
rates on 549, 818
Wood-lots, *see* Forests and forestry.
Wood-pulp:
pulpwood supply in Alaska 35
rates on 119, 425, 549, 716, 818, 982
reproduction on lands in the Northeast 866
world's markets at end of 1930 386
Wood River region, Idaho, geology, etc 43
Wood seasoning, *see* Wood.
Wood Utilization National Committee, *see* National Committee on Wood Utilization.
Woodnick, Jacob, Fed. Trade Comn. rp., etc 239
Woodroof, J. G., Hicoria pecan 83
Woodruff, Roy O. (Representative from Mich.):
reports made by—
Naval Affairs Com 507–508, 650–651
Woods, Arthur:
aid institutions can give employment 872
to testify concerning unemployment, etc 513
Woods, Raymond D., relief 628
Woods, *see* Forest fires—Forests and forestry—Wood.
Woods, Lake of the, *see* Lake of the Woods.
Woodward, R. W., inheritance in wheat cross 861, 948
Woodward, T. E.:
dairy cows, care and management 6
manufacture and feeding value of silage 213
silage for dairy cattle 213
Woodworking machinery markets in Europe 96
Woodworth & Louisiana Central Ry 168
Wool:
Federal standard stock catalogue 452
long staple, of Rambouillet sheep 85
rates on 549, 908
Wool-felt hats, *see* Hats.
Wool floor coverings, differences in costs 1006
Wool Institute, Inc., United States *v*. 56
Wool waste, standard stock catalogue 848
Woolen goods:
rates on 119
wages and hours in manufacture 254, 827
Wooley, Jerald G., blood sera of lepers 851
Woolf, D. O., road-building rock, physical tests 153
Woolf, Jesse A.:
copper and zinc in cyanidation 772
Mother Lode slime tailings 298
Woolley, C. Leonard, Ur of the Chaldees 355
Woolley, Herbert C., St. Elizabeths Hospital 108
Wooten, Howry, United States, as guardian, *v*. 56
Worcestershire sauce, standard stock catalogue 848
Work week, *see* Hours of labor.
Workers, *see* Labor—*also* names of Departments, etc., where employed.
Workers for the Crippled, World Conference of, *see* World Conference of Workers for the Crippled.
Working, E. J., grain statistics 4
Working children, *see* Child labor.
Working mothers, *see* Mothers.
Working women, *see* Women.
Workmen, *see* Labor.
Workmen's compensation, *see* Employers' liability and workmen's compensation.
World:
automobiles, production and export, 1930 1034
coal industry 479
coffee exports 480
communication chart 437
longitude determinations 604
motor-vehicle census, Jan. 1, 1930 96
pulp and paper markets at end of 1930 386
radio markets, 1930 480
World, International Map of the, Bureau, *see* International Map of the World on the Millionth Scale Bureau.
World Alliance for Promoting International Friendship through the Churches, address of President Hoover 443
World Commerce Corporation, to create 643

Page

World Conference of Workers for the Crippled, participation of U. S. 632
World Court, *see* Permanent Court of International Justice.
World War, *see* European War, 1914–18.
World War adjusted compensation act 585
see also Adjusted service certificates.
World War emergency officers' retired list, *see* Emergency officers' retired list.
World War veterans, *see* Veterans—*also* Disabled American Veterans of World War—French Veterans of World War.
World War veterans' act, *see* Veterans' Bureau.
World War Veterans' Legislation Committee, House:
hearings 34, 659, 883
reports 658
World's Grain Exhibition and Conference 574
World's Poultry Congress 4
Worley, Mattie P., court case 359
Wormeley, Carter W., court case 154
Worms, parasitic, treatment (2 entries) 61
see also names of worms.
Worsted goods, wages, etc., in manufacture 254, 827
Worstell, Addison N., relief 23
Worthington, F. V., bursting strength test for paper 612, 776
Worthley, L. H.:
corn borer control, progress rp 89
fighting corn borer with machinery 89
Wotkyns, B. M., *v.* United States 338
Wounds, *see* Injuries.
Woven wire, *see* Wire.
Woven-wire cloth, *see* Wire cloth.
Wrangell Harbor, chart 1033
Wrangell Narrows:
chart 606
resurvey, report 590
Wrappers, newspaper, prices 441
Wrapping paper, rates on 716
Wrecks, *see* Railroad accidents.
Wrigglesworth, Jessie:
cattle, hogs, sheep, statistics 84
dairy and poultry statistics 84
Wright, C. T.:
calculation of dissolved oxygen 1010
prechlorination in water filtration 456, 851
Wright, Edith A.:
research bureaus in city school systems 891
research studies in education 312
Wright, F. E., gravity measuring cruise of S-21 729
Wright, George M., court cases 431, 916
Wright, Gladys, *v.* United States 821
Wright, R. C., storage of peppers 147, 217
Wright, Willard H., parasites, etc., of horses 372
Wright, William B., piling 547
Wright, William H.:
deterioration of nets in Lake Erie 94
hairy-root and crown-gall organisms 209, 288
hairy-root of nursery apple trees 209, 377
Wright and Graham Co. *v.* United States 340, 1044
Wright & Taylor, Inc., *v.* Robert H. Lucas 431
Wright J-5 engine, *see* Engines.
Writing tablets, rates on 119
Wroe, H. A., *v.* James W. Bass 340, 989
Wroldsen, Earl, relief 20
Wulsin, F. R., birds collected in China 265
Wurlitzer, Rudolph, Co., court case 123, 989
Wurts-Dundas, Muriel H., court case 825
Wurzbach, Harry M. (Representative from Tex.):
reports made by—
Conference Com 621
Military Affairs Com 403, 504–506, 645–647, 649
United States *vs* 358
Wyant, Adam M. (Representative from Pa.):
reports made by—
Interstate and Foreign Commerce Com 400, 500–501, 635–636, 638
Wyatt, H. L., vitiligo case report 829
Wyman, Partridge & Co., U. S. *vs* 200, 333, 431
Wyoming:
Arizona *v.* (waters of Colorado R.) 550, 819, 1004
boundary, compact with Idaho 619

Page

Wyoming—Continued.
census, 1930—
agriculture 959, 1031
population 294, 959
unemployment 959
coals, analyses 609
gold, silver, copper, and lead 878
homestead entrymen, relief 23
Lance formation, troödont dinosaur 1002
lands—
in Park County, convey to Wyoming 693
transfer for aviation field 1076
transfer to War Dept. control, etc 927
withdrawal for classification 196, 352
withdrawal for resurvey 1001, 1076
withdrawal for resurvey, revocation 131
mineral resources, permit development 510, 693, 789
mollusks from Aspen shale (Cretaceous) 737
postal service—
mail routes, schedules 262, 443, 732, 925, 1073
post route map 733
power-site restoration no. 456 445
Public Service Commission—
bananas 900
public water reserves 131, 571, 926
Wyoming Agricultural Experiment Station 150
Wyoming National Forest, resources, etc 949
Wyoming quadrangle, Del.-Md 1049
Wyoming University, *see* Wyoming Agricultural Experiment Station.

X

X-ite, rates on 185
X-Ray and Radium Protection Advisory Committee, *see* Advisory Committee on X-Ray and Radium Protection.
X-rays:
absorption measurements of radiation 160, 303
dental films, simplified technique 436
dental practice, röntgen ray 937
diagnosis of pulmonary tuberculosis 140
efficiency of production 230, 486
Filaria bancrofti demonstation 436
ionization chamber diaphragm 612, 777
lung examination, X-ray displace physical? 585
portland cement, X-ray method of study 230, 484
production of heritable variations 354
X-ray protection, safety recommendation 1039
X-raying the earth 354
Xenon:
interference measurements in spectra 302, 485
regularities in 2d spectrum 612, 777

Y

Yahooskin band of Snake Indians, *see* Shoshoni Indians.
Yakima irrigation project, specifications 1049
Yakima Valley, meteorological peculiarities 473
Yaksas, article by A. K. Coomaraswamy 1001
Yale University, tree wounds 1026
Yalelms Corporation (formerly Compressed Paper Box Co.) 325, 723, 825
Yancey, H. F., mining and preparation of coal 772
Yangtze River, charts 995, 1069
Yankee Export & Trading Co. *v.* United States 253, 1044
Yant, W. P.:
cellosolve vapors 272
dioxan vapors 139, 364
ethyl benzene vapors 202
ethylene oxide vapors 139, 272
methyl chloride poisoning 139
vinyl chloride vapors 139, 456
Yaquina River, chart 1033
Yard, Robert S., glimpses of national parks 244
Yards and Docks Bureau 127, 439
list of appropriations, etc 127
report, 1930 439, 828, 829
supplemental estimate, 1932 744
Yarn, rates on 549
Yarnell, D. L., tile-trenching machinery 600
Yavapai Onyx Mining Corporation, marble 49

Page
Yawing moments 992, 1064
Year in agriculture 946
Yearbook separates, *see* subjects.
Yearbooks:
Agriculture Department, 1931 946
commerce yearbook, 1930 157, 480
enlisted training yearbook 727
standards yearbook, 1931 777
Yeates, James G., Co., bricks 174
Yeatman, Fanny W.:
Aunt Sammy's radio recipes 1024
eggs at any meal 1024
homemade pectin extracts for jelly 376
lamb as you like it 287
rabbit recipes 88
Yellow Creek, flood control 399, 519, 619
Yellow fever control in Liberia, report 1085
Yellow pine, *see* Pine.
Yellow pine flax 371, 471
Yellows:
cabbage strains susceptible, etc 3, 88
tomato, control 89
Yellowstone County, Mont., geology, etc 166, 810
Yellowstone National Park:
general information circular 894
inspection, final report 942
manual for railroad visitors, etc 974
place names, Geographic Bd. decisions 105
Yellowstone National Park Boundary Commission 942
report 942
Yeomen, Navy training courses 993
Yerkes, Guy E., propagation of trees, etc 765
Ymuiden Harbor, chart 259
Yohe, H. S., drainage districts 868
Yokohama Ko, chart 922
Yon, Thomas A. (Representative from Fla.):
reports made by—
Public Lands Com 404, 509, 653, 655
York Band Instrument Co 559
York Chocolate Co 187, 200, 1005
York County Cigar Manufacturers' Association:
cigars 1001
tobacco 908
York Safe & Lock Co. *v.* United States 56
Yorktown, Va.:
anniversary of surrender of Cornwallis—
Marine Band to attend celebration 652
medal in commemoration, hearings 496
medal in commemoration, law 789
medal in commemoration, reports 397, 682
participation of Army in celebration 644
participation of U. S. in celebration 30, 644, 682, 789
see also Colonial National Monument.
Yorktown Sesquicentennial Commission:
estimate 579
membership 644, 789
Yosemite National Park, circular 974
Yosemite Stage & Turnpike Co. *v.* U. S 332, 968
Yosemite Valley, geologic history 314
Yothers, M. A.:
codling moth in Pacific Northwest 865
tree hoppers in orchards 762, 865
Yothers, W. W., citrus rust mite and control 214
You can make it for camp and cottage 11
Youker, George W., funeral expenses, etc 395
Youker, Mary, to pay 395
Young, Alfred W., comparative flight with superchargers 255, 1064
Young, Arthur A., irrigation requirements of Columbia River basin 218
Young, Charles H., relief 23
Young, Clarence G., relief 628, 666
Young, F. C., market research agencies 386
Young, Floyd D., minimum temperature 90
Young, Frank L., Co. *vs.* McNeal-Edwards Co 1005
Young, Gerald P., airplane dopes, etc 459
Young, James J. L., sodium amytal in mental diseases 852, 853
Young, Ralph A., underwriting of foreign securities 296
Young, Stanley P., coyote and wolf trapping 5, 597
Young, V. D., soil survey of Eugene area, Oreg 597
Younger, J. E., study of wing flutter 277
Youngs, F. O.:
Buckeye-Beardsley area, Ariz 212
Salt River Valley, Ariz 864
Youngstown, Ohio, bridge 28
Youngstown Boiler & Tank Co., Inc., steel 907
Youth:
problems in adolescence for parents 892
Yttrium monoxide, band spectra 881
Yugoslavia, market for Amer. farm equipment 1035
Yuma irrigation project, payment of damages 22
Yuya Wan, chart 193

Z

Zahn, Albert F.:
flow and force equations 59
origin, etc., of Aeronautics Division 725
pressure of air on coming to rest 59
Zaja, Mateo, Walter E. Carr *vs* 360, 559, 825
Zamboanga Peninsula, chart 223
Zanesville & Western Ry., abandonment 1042
Zanetta, E. F., relief 666, 782
Zante Island, chart 128
Zanzibar Harbor, chart 193
Zapotillos Cays, chart 565
Zarate, George, *v.* United States 189
Zarkovich, Martin, *v.* United States 325
Zaumeyer, W. J., bacterial blight of beans 88
Zearbaugh, D. O., food poisoning caused by oysters 61
Zedtwitz, Mary E. B. von, case of trustee 184
Zeelandia, steamship:
owner *v.* United States 189
Zeller, Enza A., relief 496
Zeller's, G. F., Sons *v.* United States 340, 980
Zentmire, J. H., soil of Buchanan County, Iowa 947
Zeolite softeners, bibliography 481
Ziegler, Wm. H., Co., hoisting machinery 178
Zihlman, Frederick N. (Representative from Md.):
reports made by—
Conference Com 620
District of Columbia Com 496–497, 628–630
Zimmer, Benjamin, receiver, furniture 114
Zimmerman, Harvey J.:
animal and vegetable fats and oils 92, 1029
cotton production, crop of 1929 92
cotton production, etc., 1929–30 382
Zimmerman, Regine P., relief 782, 790
Zinc:
bearing bronzes with addition of zinc 99, 230
cyanidation sulphide-acid precipitation 772
in—
Arizona 226
California and Oregon 961
Central States 481
Colorado 226
Eastern States 298
Idaho and Washington 96, 961
Utah 1036
pigments and salts 961
rates on 185, 716, 818, 908
smelting from chemical, etc., viewpoint 158
value of 1928 mine production 298
Zinc meta-arsenite compound, rates on 1059
Zinn, Frederick C., alias, *see* Hinrichsen, Fred C.
Zinsser & Co., relief 650
Zion National Park, circular 894
Zirconium:
arc spectrum structure 880, 1039
ionized, structure of spectra 99, 232, 391, 486
Zoller, Fritz, relief 782, 790
Zones, *see* Time.
Zoological Nomenclature, International Commission on, *see* International Commission on Zoological Nomenclature.
Zoological Park, *see* National Zoological Park.
Zoology, *see* Animals.
Zornes, J. W., relief 23
Zuñi Indians, survey and patent of lands 680, 789
Zuñi Reservation, prehistoric village 840

O

Page
... 277

... 213
... 864
... 26
... 907

... 803
... 881
... 1035
... 29
... 193

... 59
... 725
... 59
... 559, 835
... 233
... 1063
... 66, 782
... 126
... 192
... 565
... 189
... 325
... 88
by
... 61
... 454

... 189
... 406
... 40, 989
y,
... 947
... 481
... 178
om

... 620
... 628-630
... 114

... 92, 1029
... 92
... 382
... 782, 799

... 99, 230
... 772

... 226
... 961
... 481
... 226
... 298
... 96, 961
... 1036
... 961
... 318, 908
... 158
... 298
... 1039
ed

... 650
... 894

... 30, 1039
... 391, 486
... 782, 799

m-
m-
al-

k.

... 23
... 380, 789
... 840